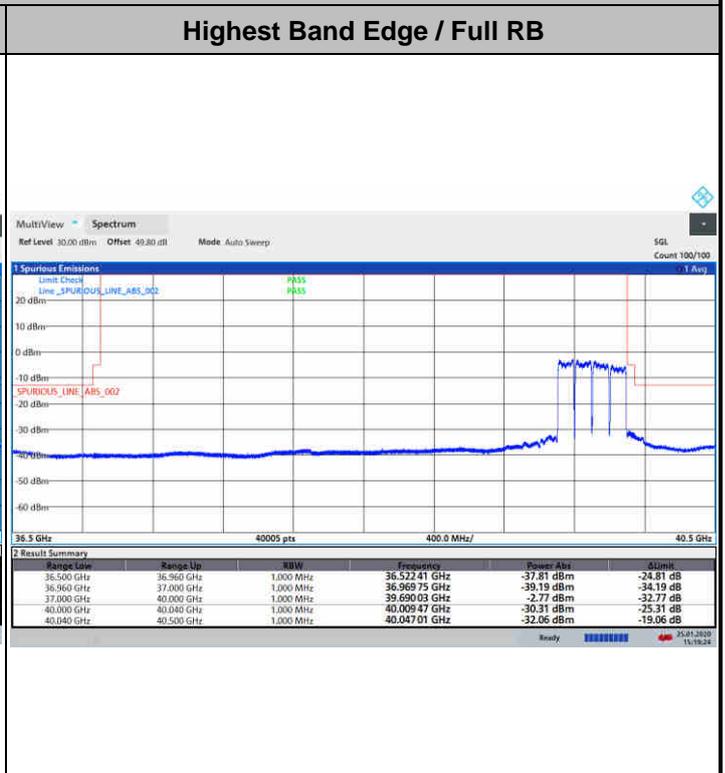
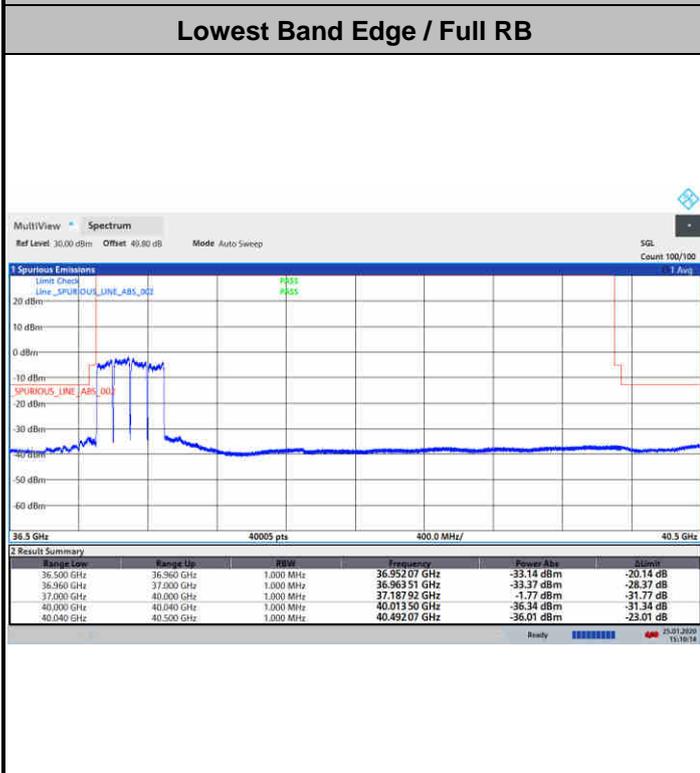


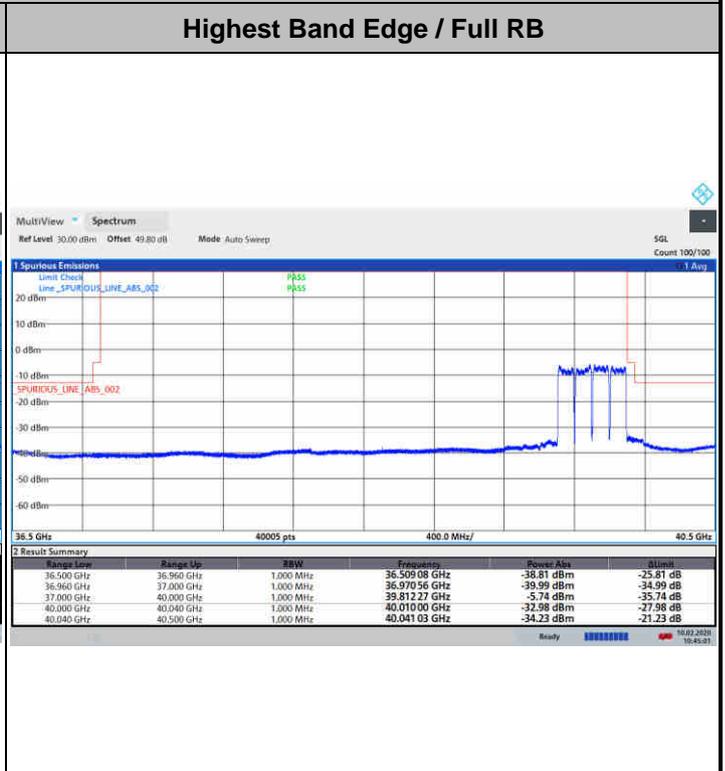
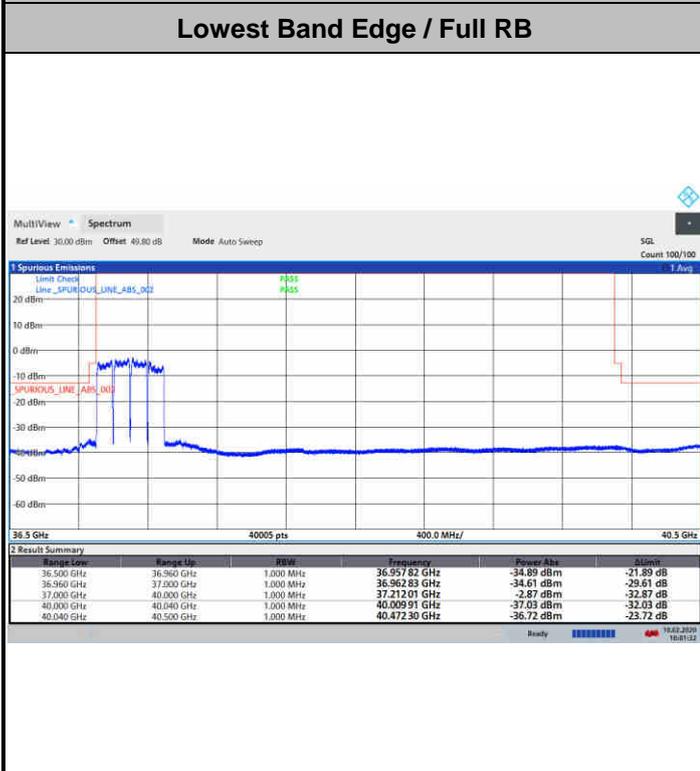


Module 1

NR Band n260 / 400MHz / QPSK

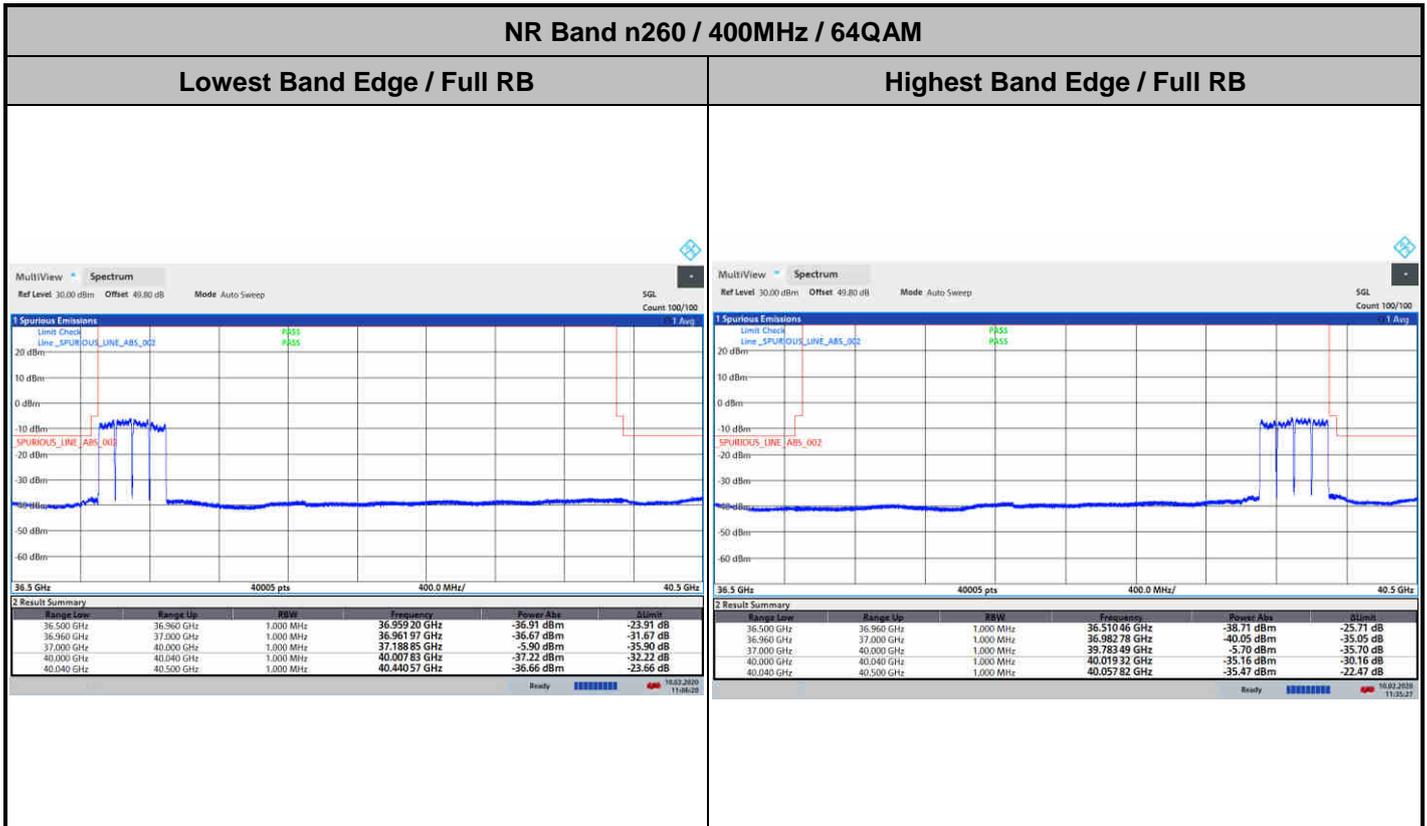


NR Band n260 / 400MHz / 16QAM





Module 1

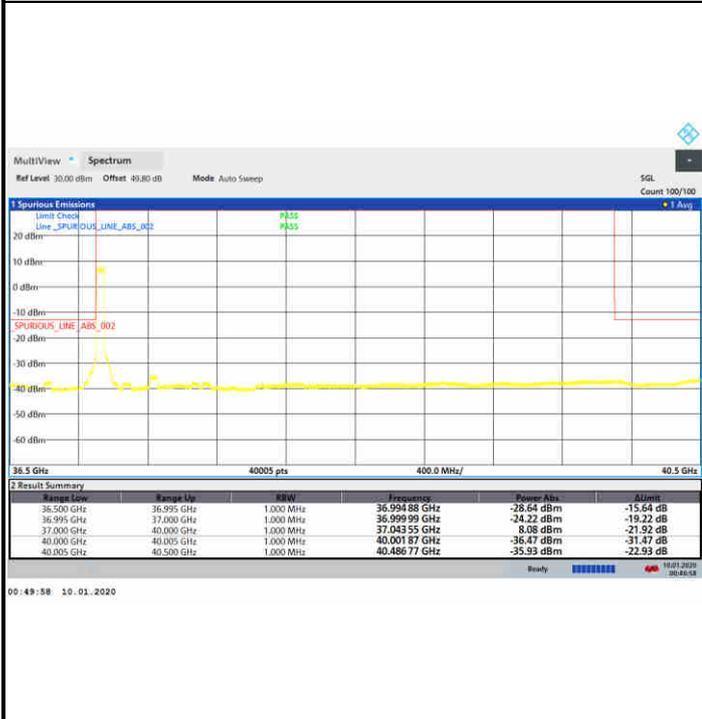




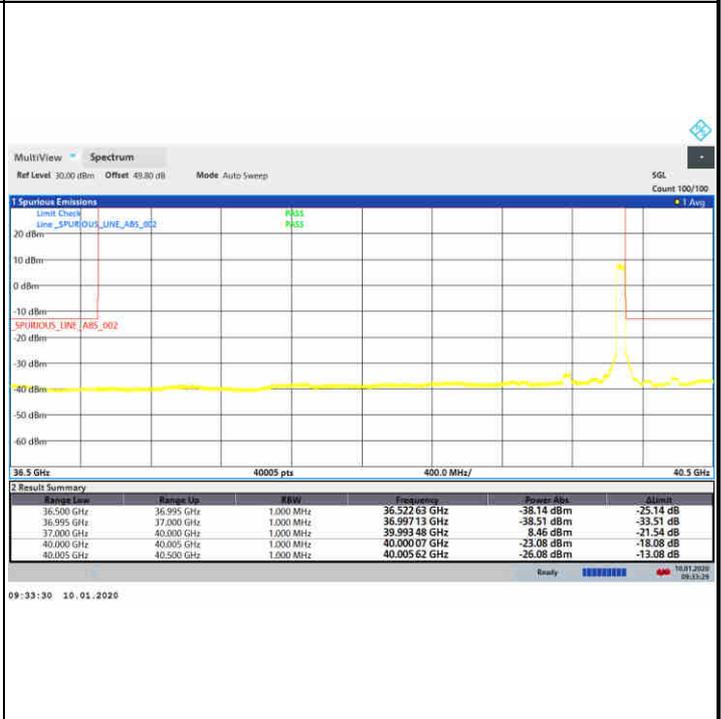
Module 2

NR Band n260 / 50MHz / QPSK

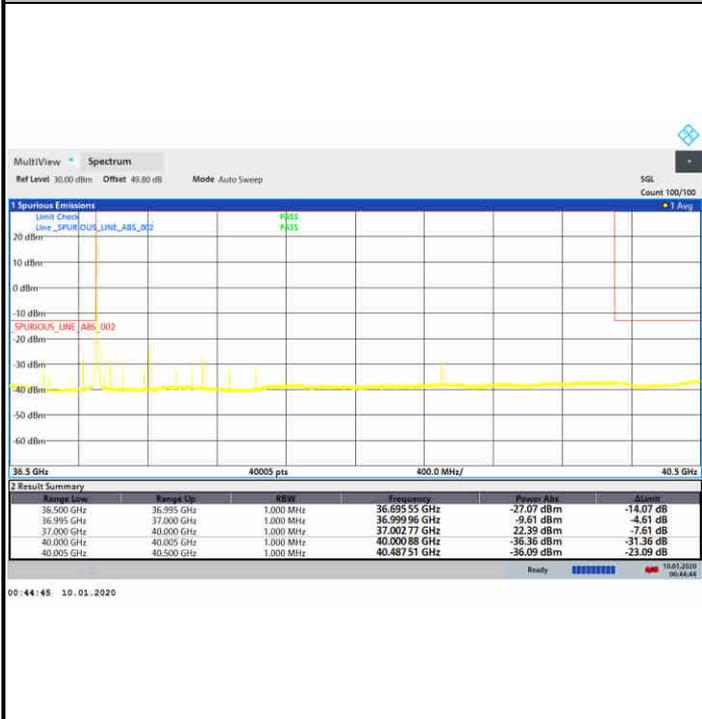
Lowest Band Edge / Full RB



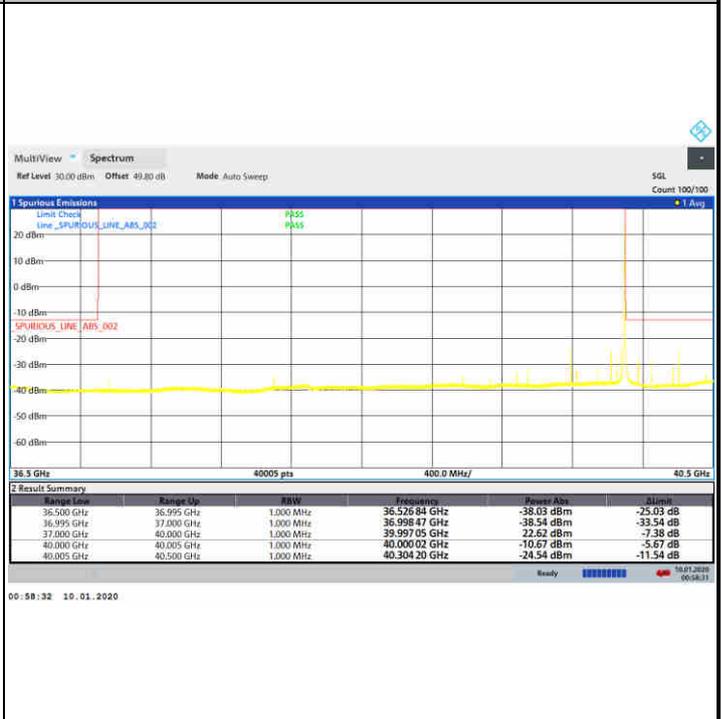
Highest Band Edge / Full RB



Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB

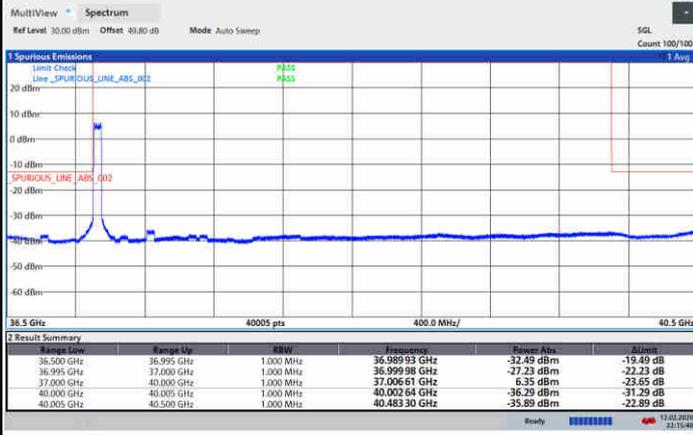




NR Band n260 / 50MHz / 16QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Lowest Band Edge / 1RB

Highest Band Edge / 1 RB



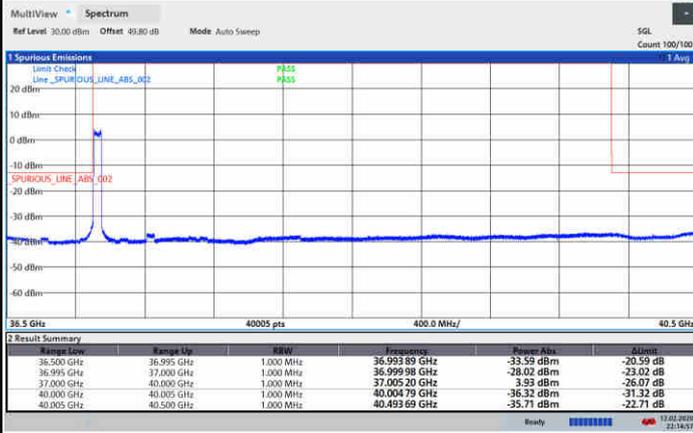


Module 2

NR Band n260 / 50MHz / 64QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB





NR Band n260 / 100MHz / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

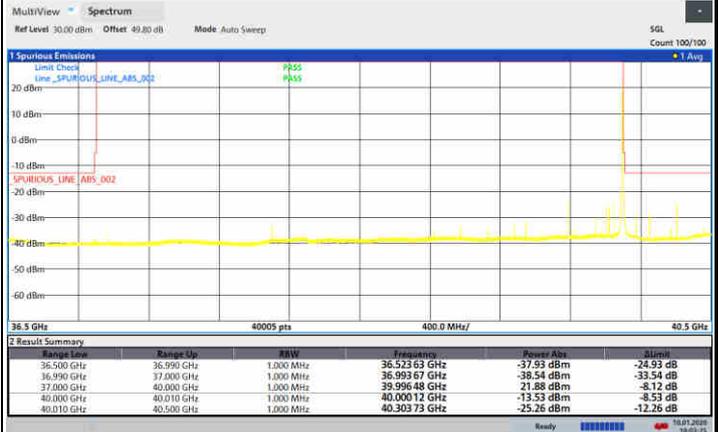
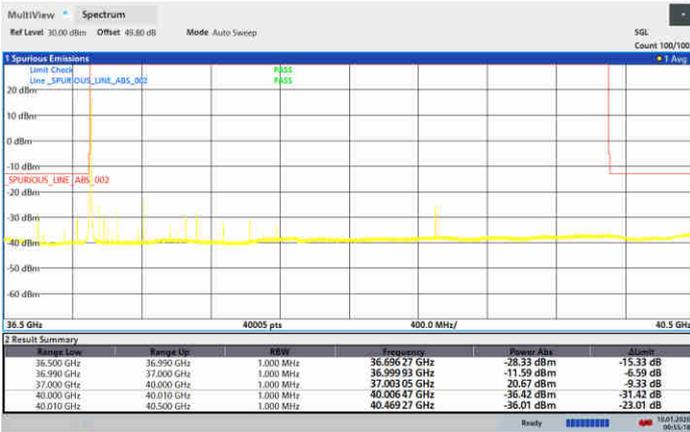


09:49:18 10.01.2020

10:08:39 10.01.2020

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



09:55:18 10.01.2020

10:03:26 10.01.2020

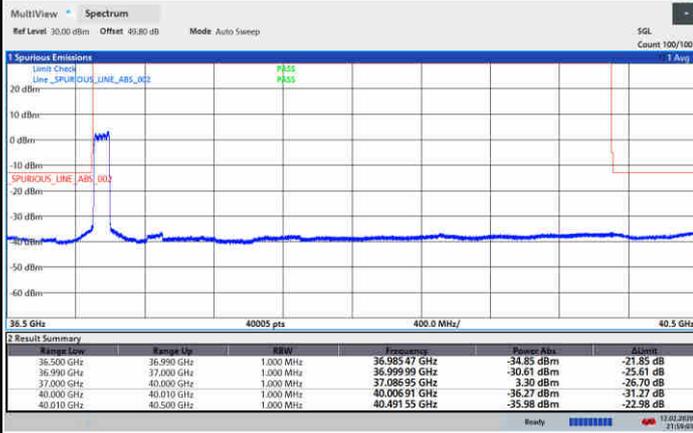


Module 2

NR Band n260 / 100MHz / 16QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

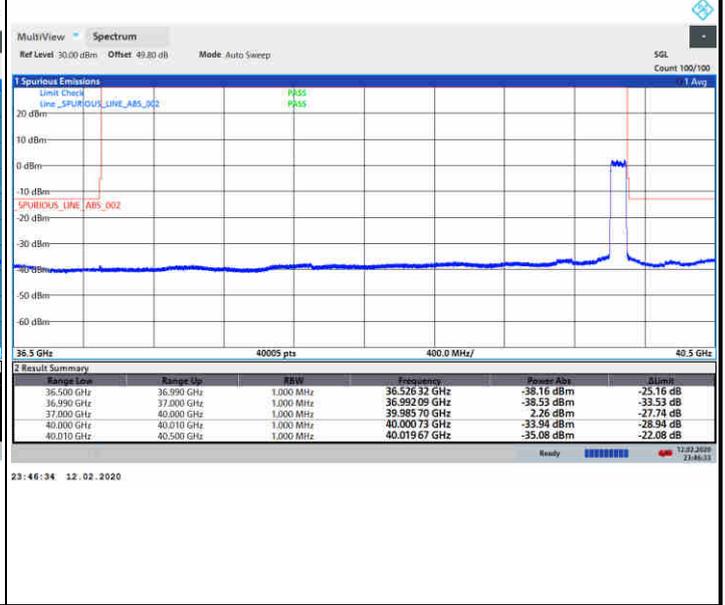
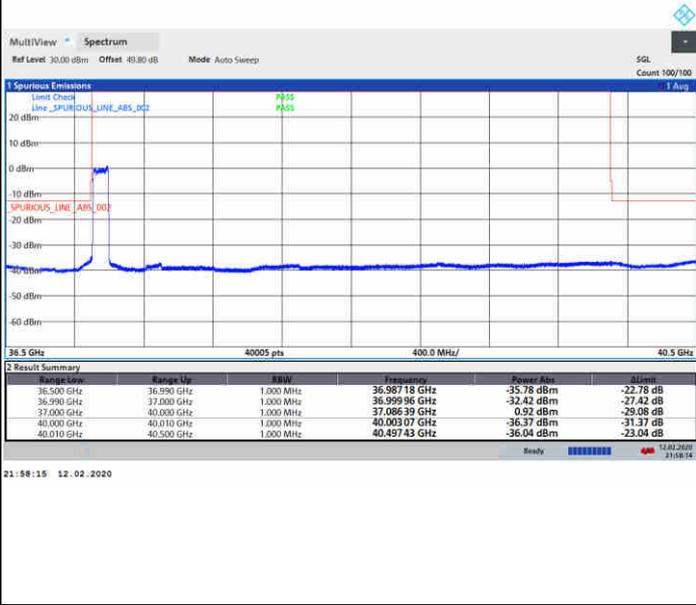




NR Band n260 / 100MHz / 64QAM

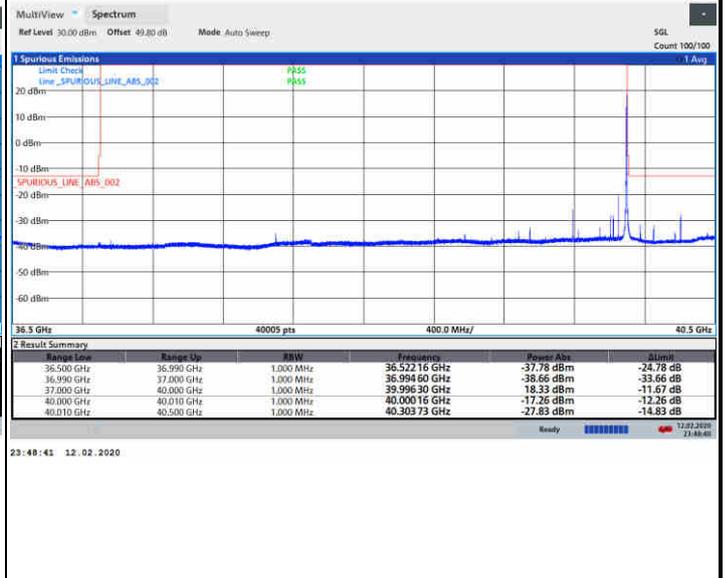
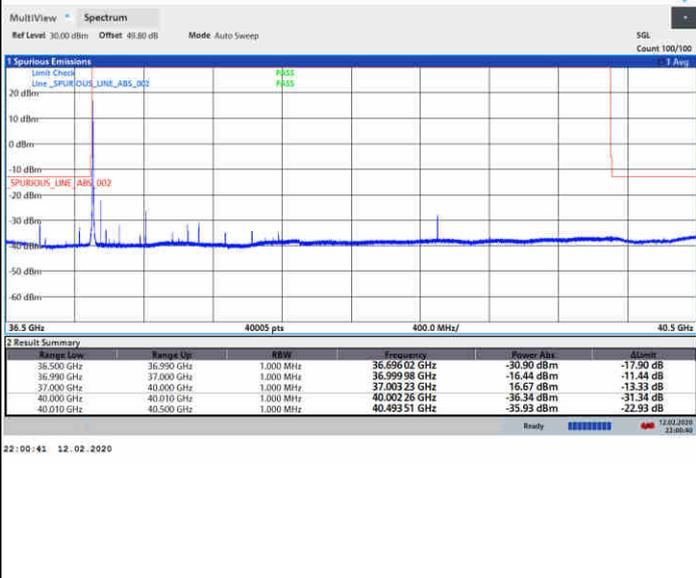
Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB





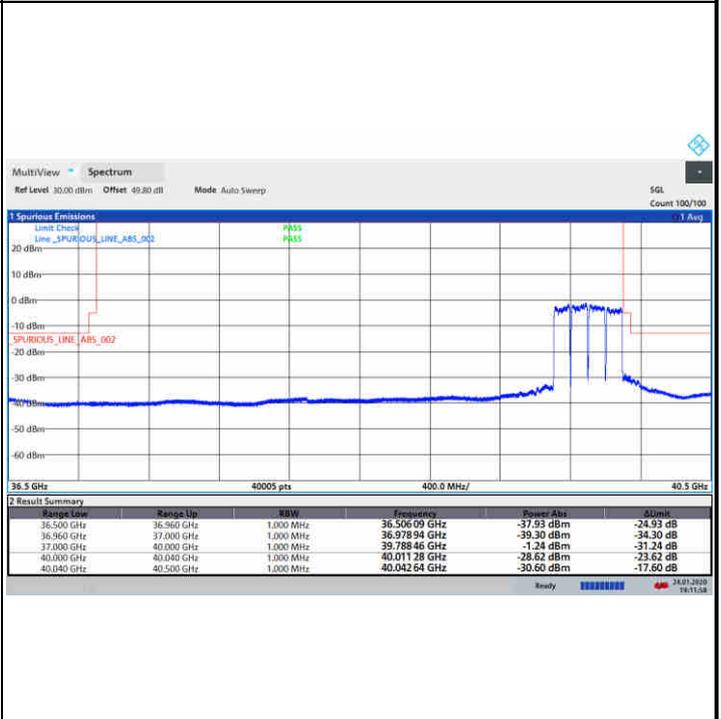
Module 2

NR Band n260 / 400MHz / QPSK

Lowest Band Edge / Full RB

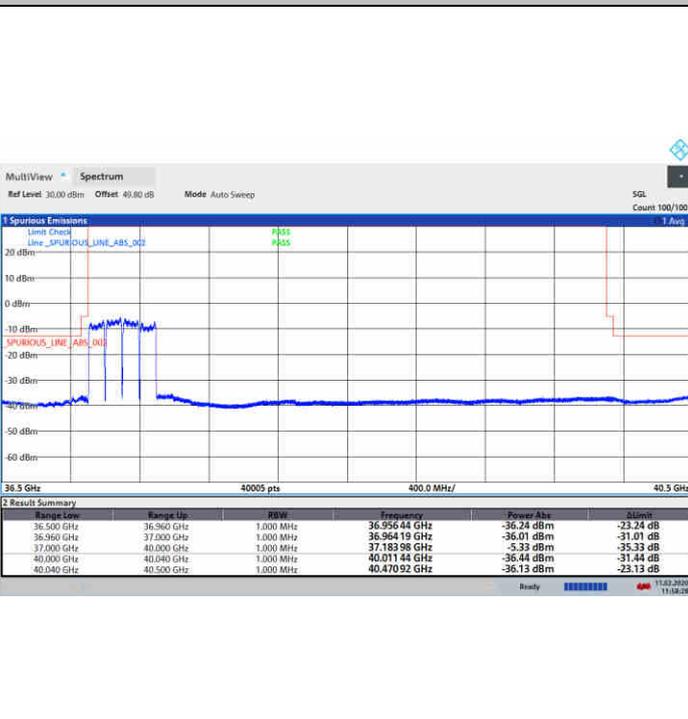


Highest Band Edge / Full RB

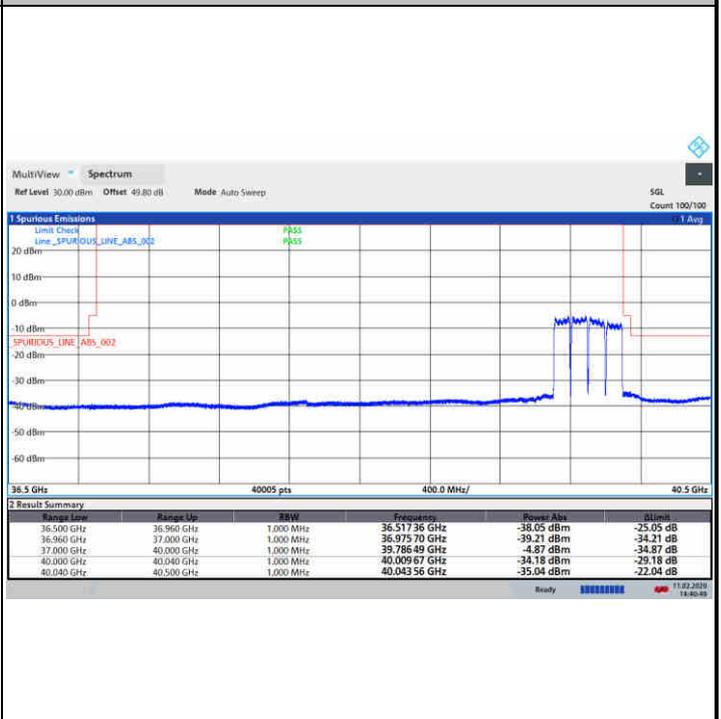


NR Band n260 / 400MHz / 16QAM

Lowest Band Edge / Full RB

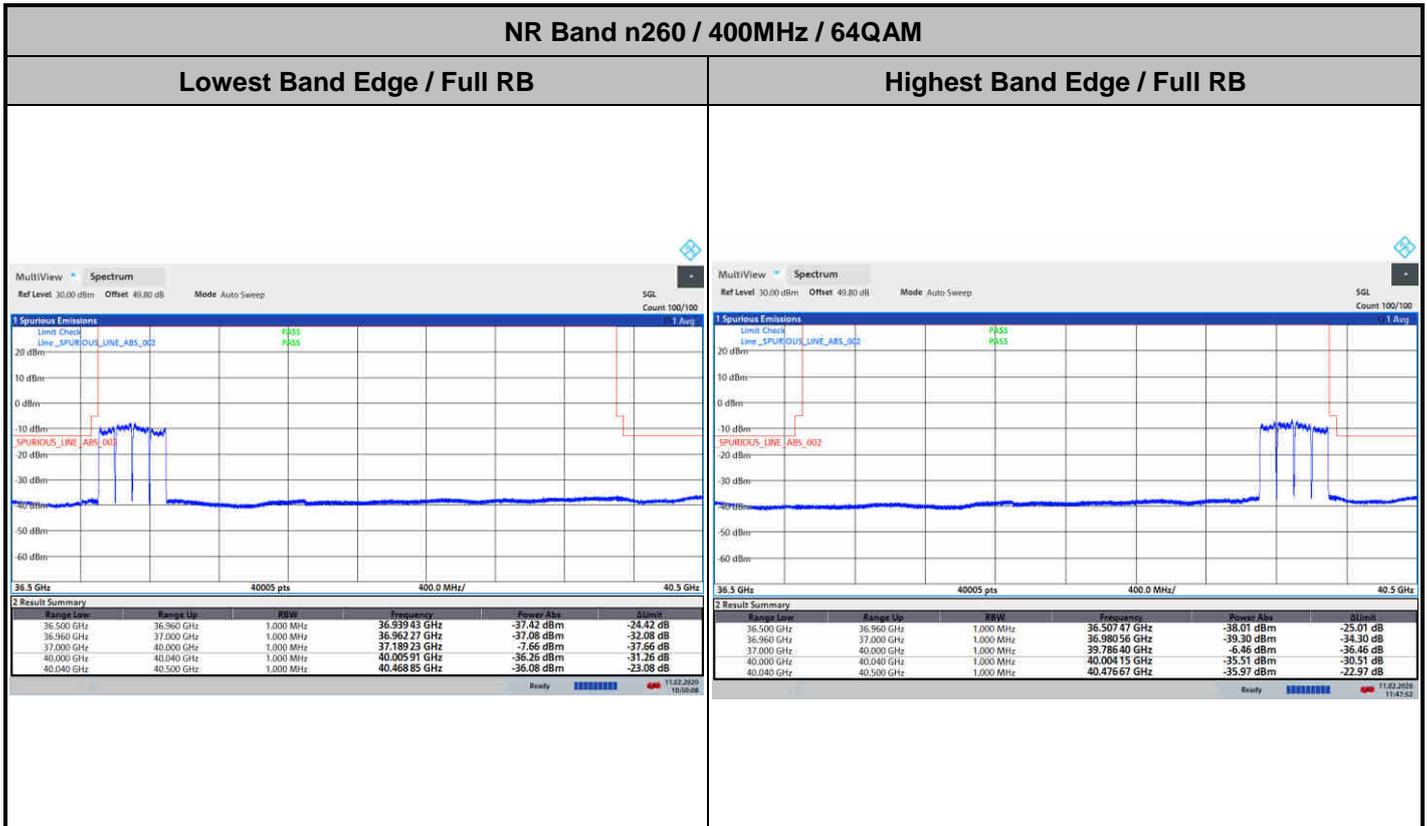


Highest Band Edge / Full RB





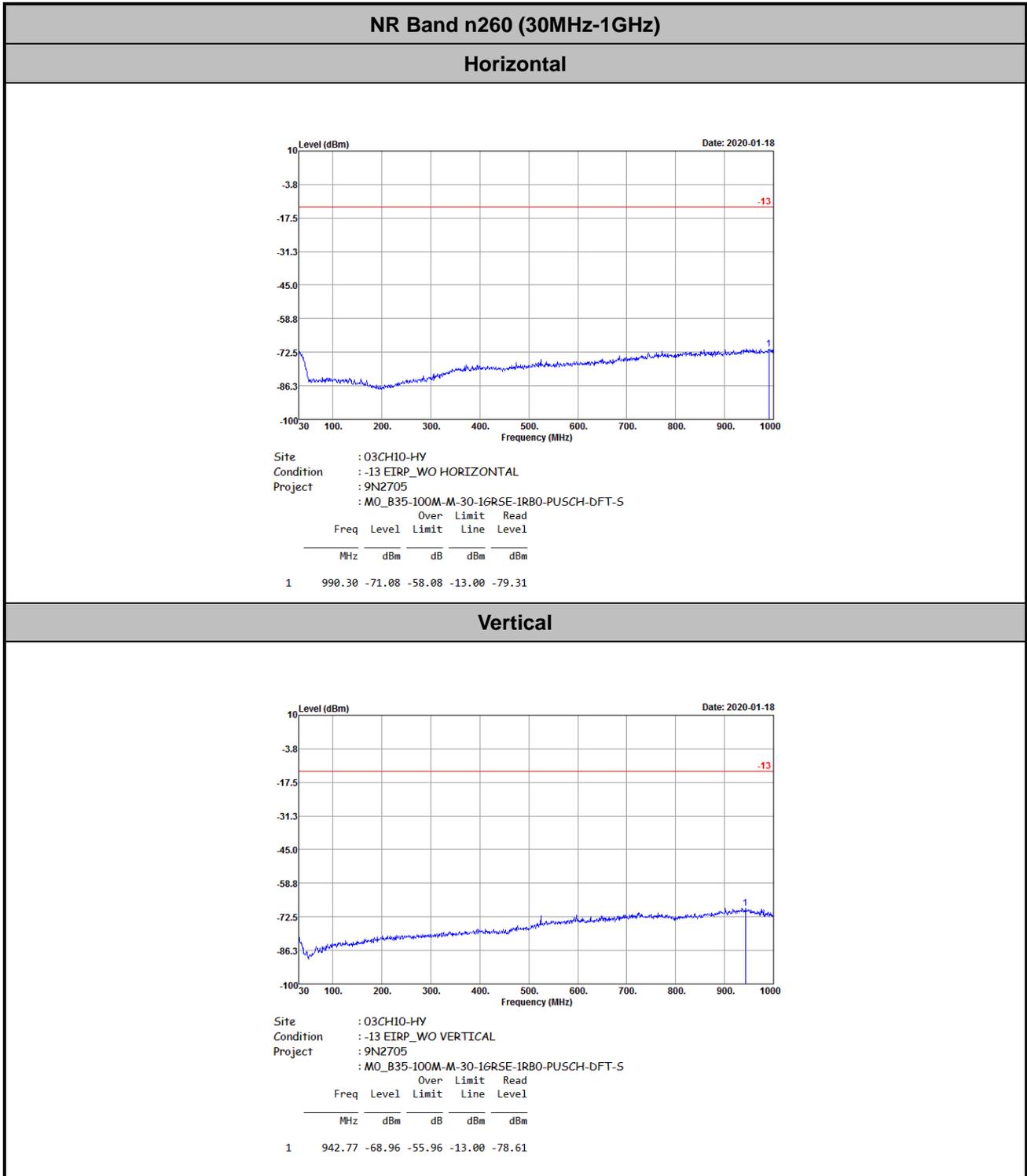
Module 2





Spurious Emission

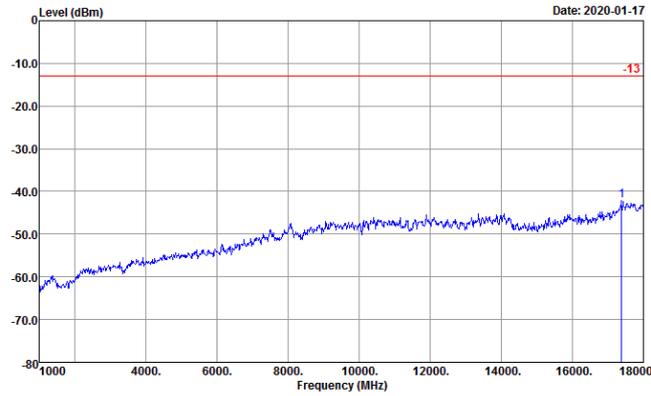
There is no significant spurious emission signal found for frequency started from 30MHz up to 18GHz. Only the noise floor is reported.





NR Band n260 (1GHz-18GHz)

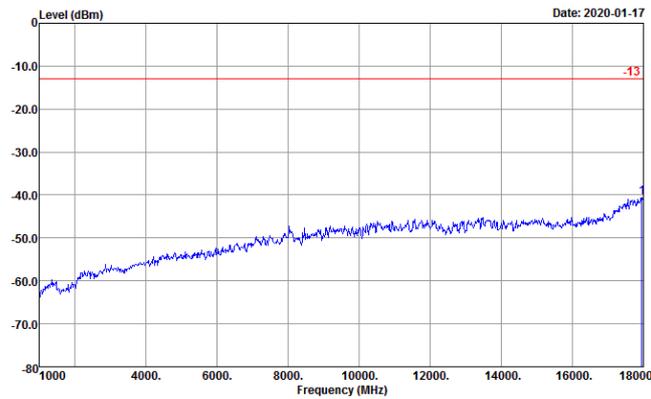
Horizontal



Site : 03CH10-HY
 Condition : -13 EIRP_WO HORIZONTAL
 Project : 9N2705
 : MQ_B35-100M-M-1-18GRSE-1R80-PUSCH-DFT-S

Freq	Level	Over	Limit	Read
MHz	dBm	dB	dBm	dBm
1 17388.00	-42.13	-29.13	-13.00	-52.59

Vertical



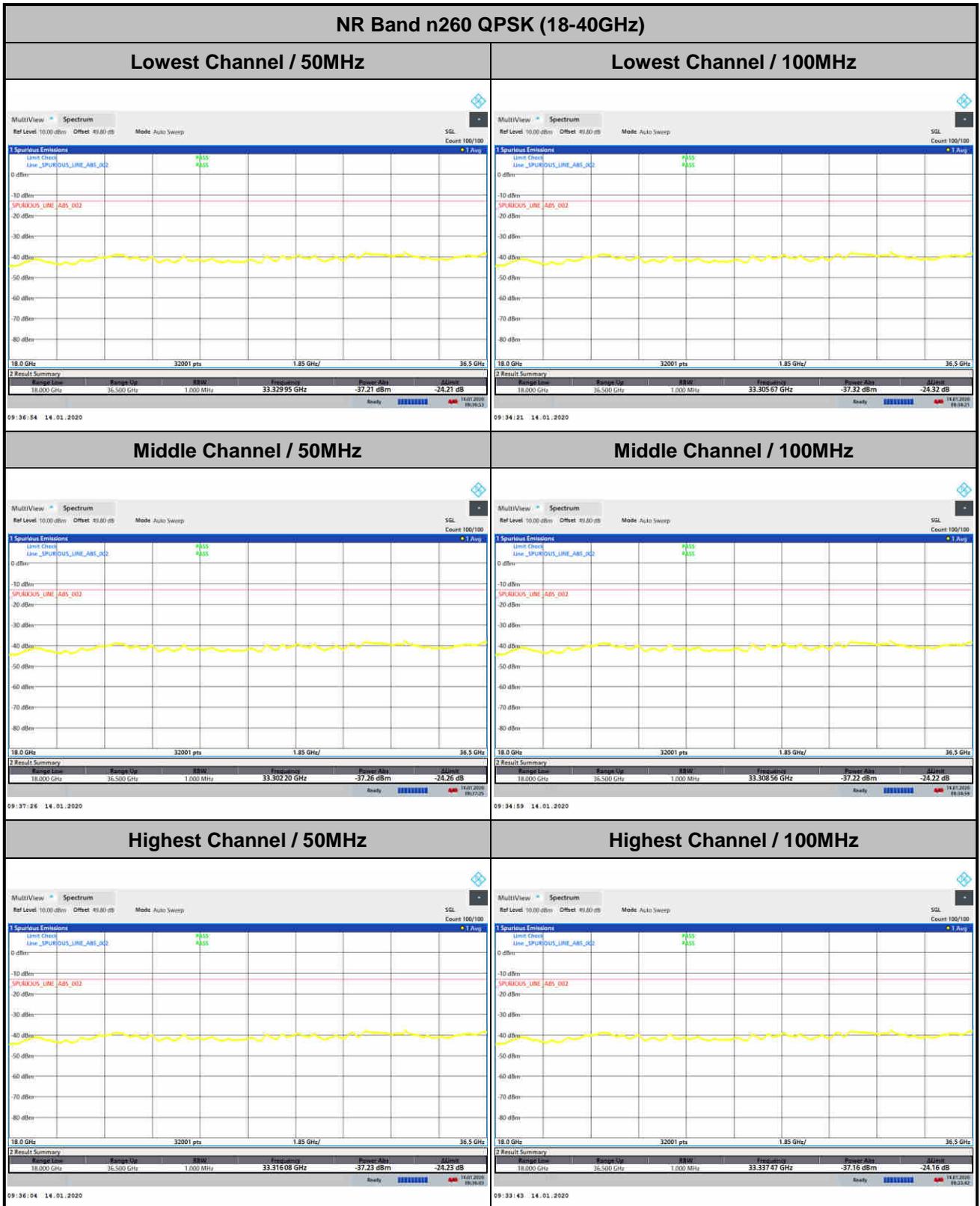
Site : 03CH10-HY
 Condition : -13 EIRP_WO VERTICAL
 Project : 9N2705
 : MQ_B35-100M-M-1-18GRSE-1R80-PUSCH-DFT-S

Freq	Level	Over	Limit	Read
MHz	dBm	dB	dBm	dBm
1 17949.00	-40.50	-27.50	-13.00	-55.01



Spurious emission between 18GHz to 40GHz worst case plot is reported as following.

Module 0



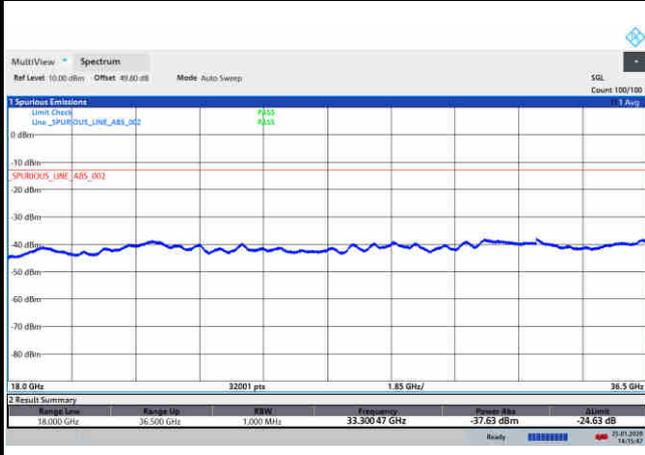
Remark: In band and out of band frequencies are omitted.



Module 0

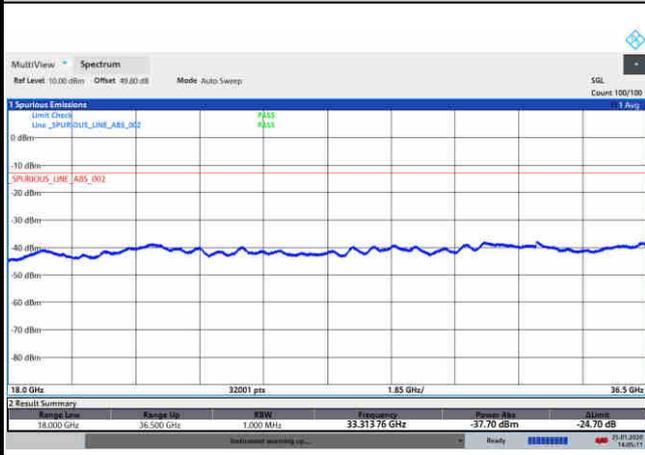
NR Band n260 QPSK (18-40GHz)

Lowest Channel / 400MHz



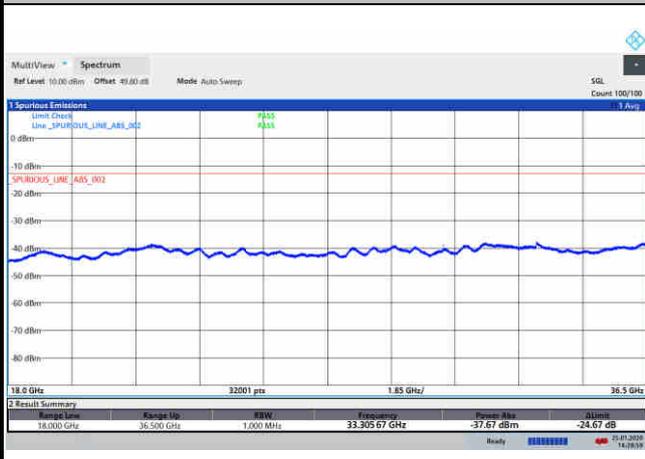
intentionally blank

Middle Channel / 400MHz



intentionally blank

Highest Channel / 400MHz



intentionally blank

Remark: In band and out of band frequencies are omitted.



Module 1

NR Band n260 QPSK (18-40GHz)

Lowest Channel / 50MHz



Lowest Channel / 100MHz



Middle Channel / 50MHz



Middle Channel / 100MHz



Highest Channel / 50MHz



Highest Channel / 100MHz



Remark: In band and out of band frequencies are omitted.



Module 1

NR Band n260 QPSK (18-40GHz)	
<p>Lowest Channel / 400MHz</p>	intentionally blank
<p>Middle Channel / 400MHz</p>	intentionally blank
<p>Highest Channel / 400MHz</p>	intentionally blank

Remark: In band and out of band frequencies are omitted.



Module 2

NR Band n260 QPSK (18-40GHz)

Lowest Channel / 50MHz



Lowest Channel / 100MHz



Middle Channel / 50MHz



Middle Channel / 100MHz



Highest Channel / 50MHz



Highest Channel / 100MHz



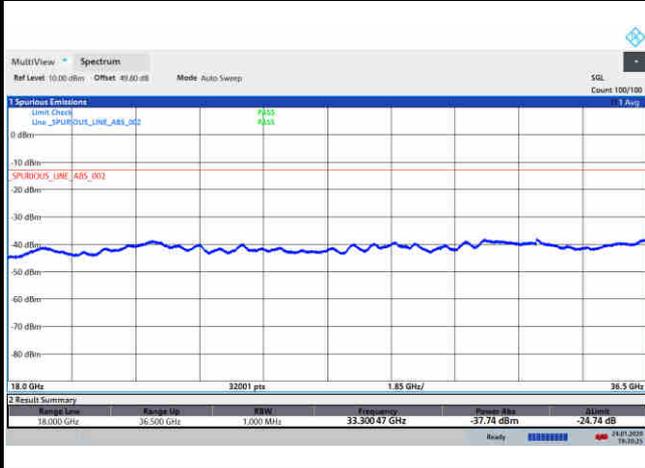
Remark: In band and out of band frequencies are omitted.



Module 2

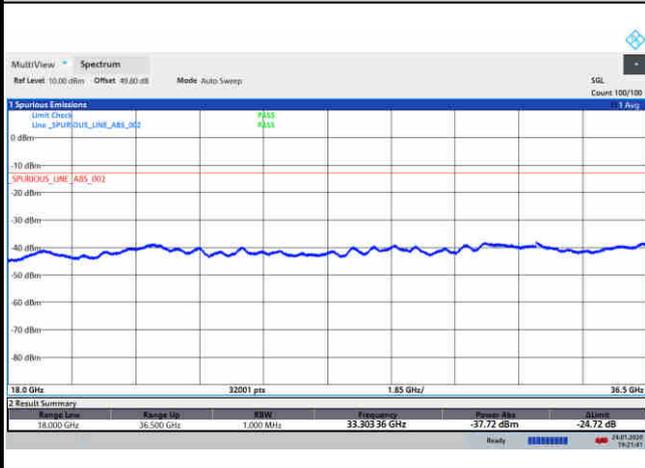
NR Band n260 QPSK (18-40GHz)

Lowest Channel / 400MHz



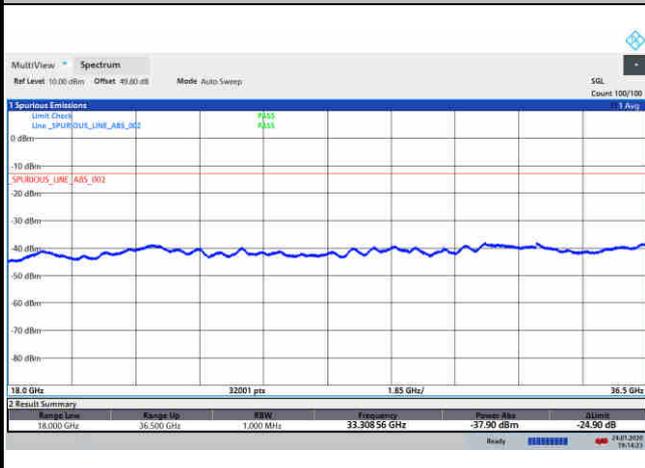
intentionally blank

Middle Channel / 400MHz



intentionally blank

Highest Channel / 400MHz

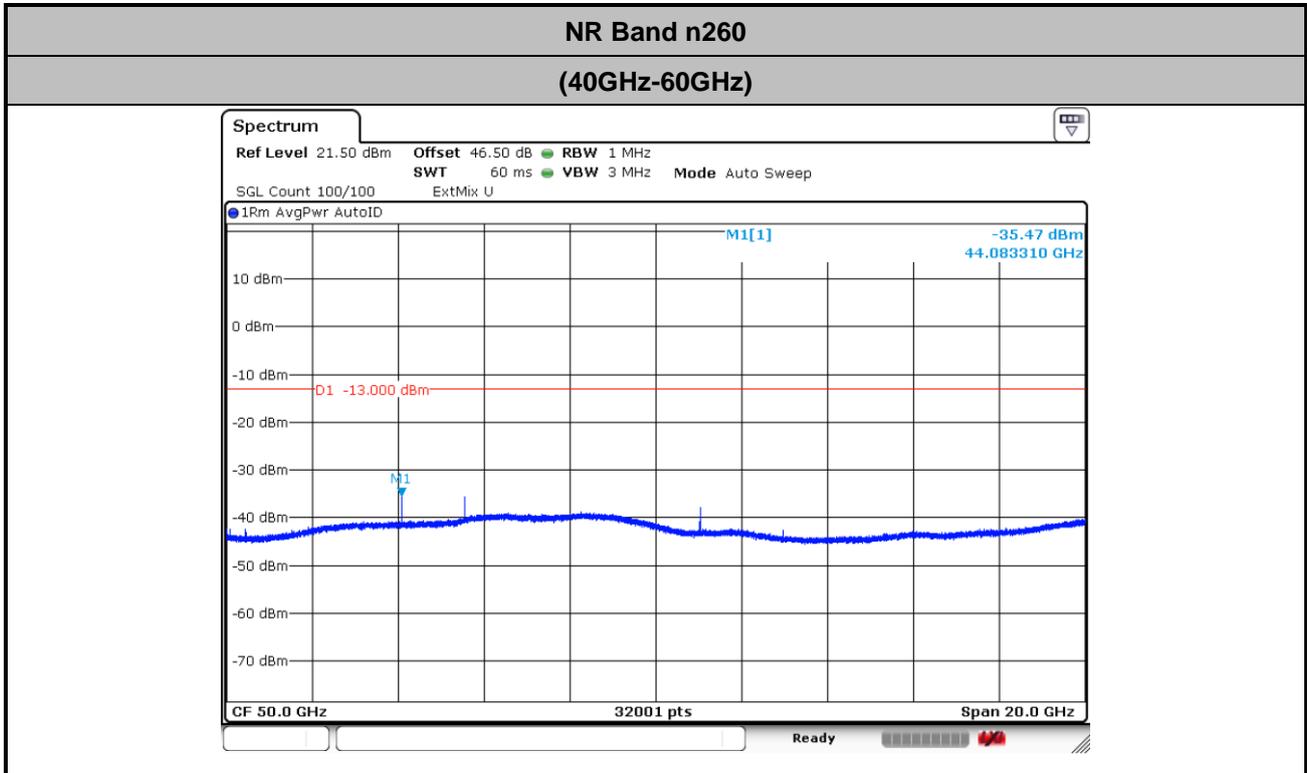


intentionally blank

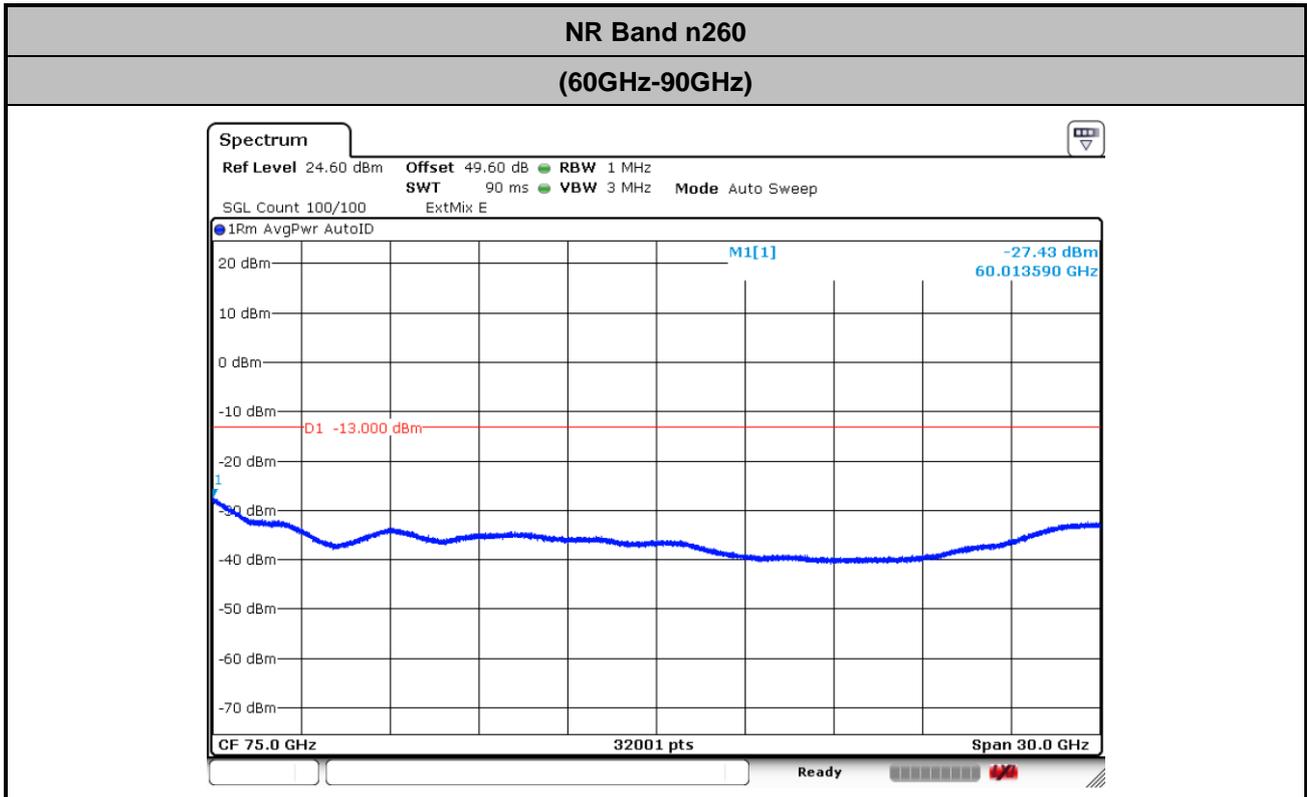
Remark: In band and out of band frequencies are omitted.



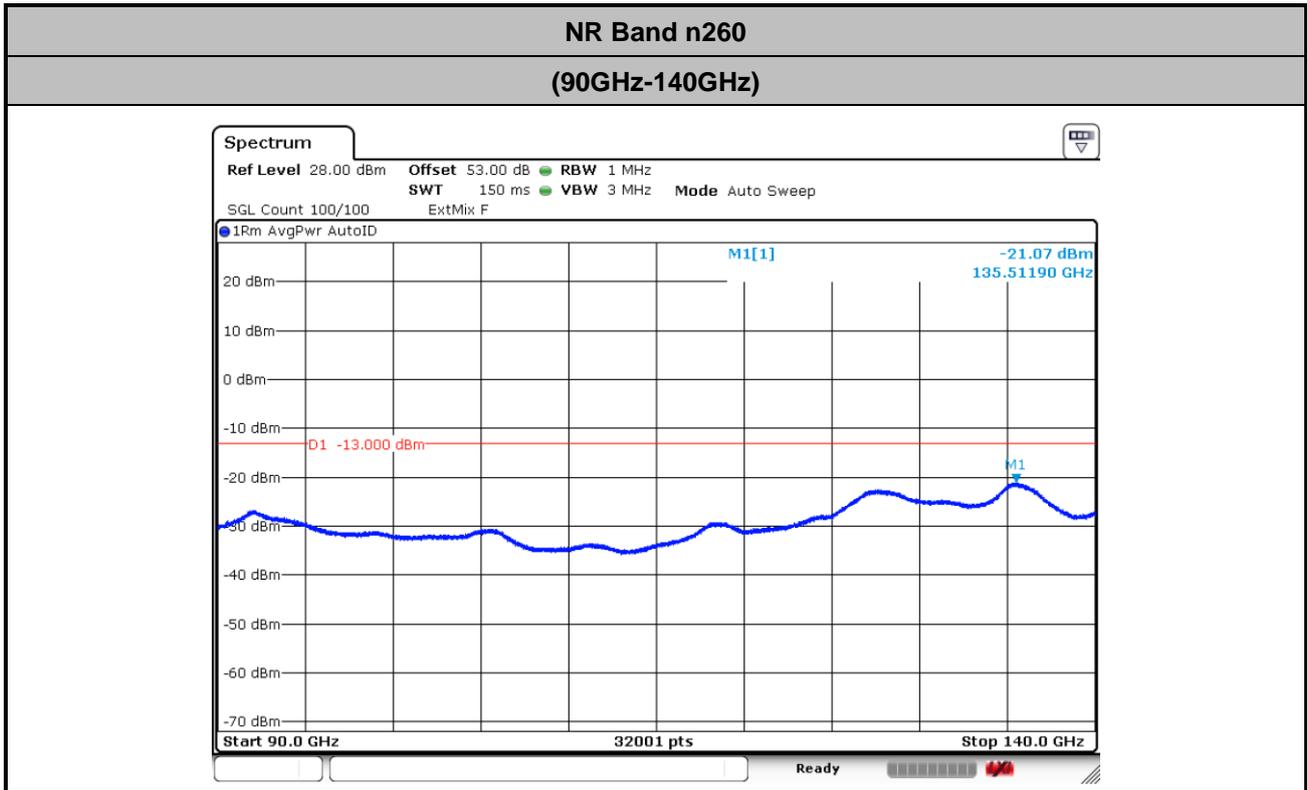
There is no significant spurious emission signal found for frequency started from 40GHz up to 200GHz. Only the noise floor is reported.



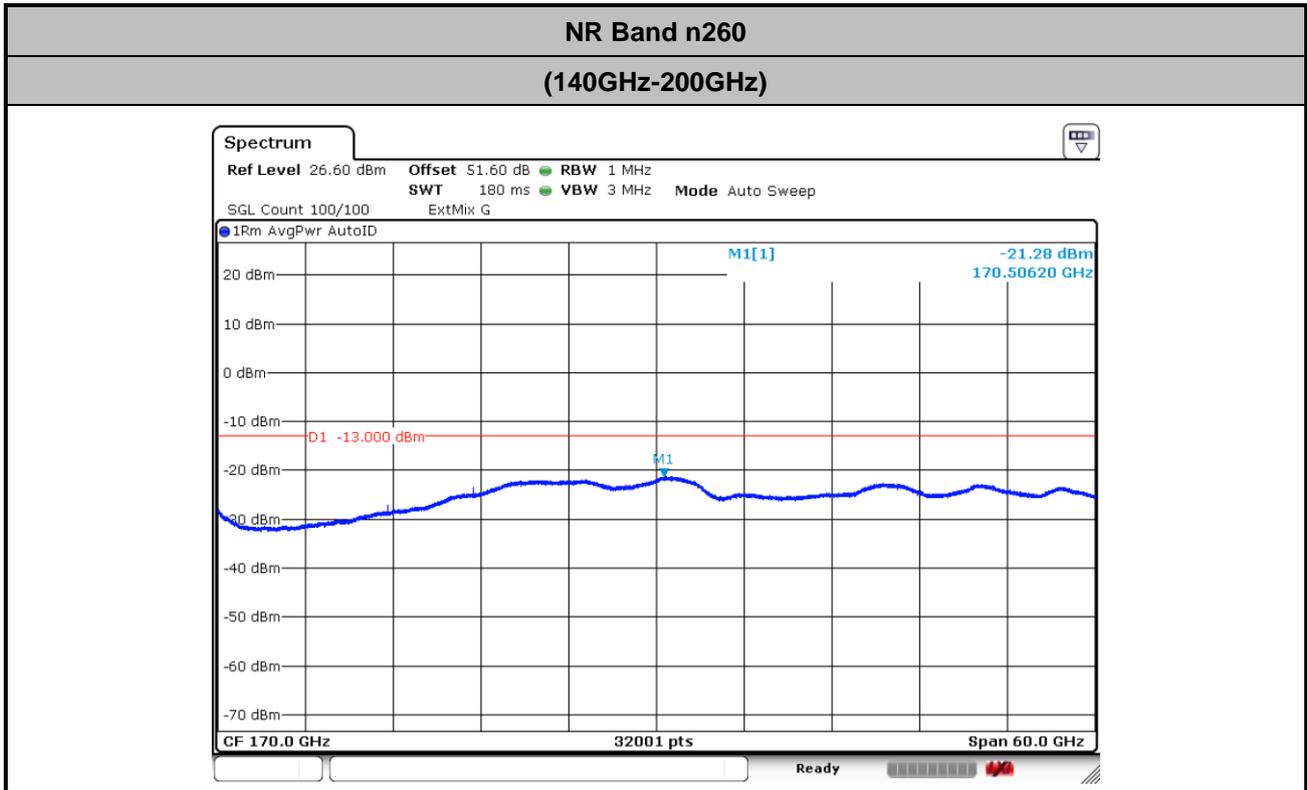
$$\begin{aligned} \text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 42.3 + 2 + 107 + 20\log(1) - 104.8 = 46.5 \text{ (dB)} \end{aligned}$$



$$\begin{aligned} \text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 45.4 + 2 + 107 + 20\log(1) - 104.8 = 49.6 \text{ (dB)} \end{aligned}$$



$$\begin{aligned} \text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 48.8 + 2 + 107 + 20\log(1) - 104.8 = 53 \text{ (dB)} \end{aligned}$$



$$\begin{aligned} \text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 \\ &= 53.4 + 2 + 107 + 20\log(0.5) - 104.8 = 51.6 \text{ (dB)} \end{aligned}$$



Frequency Stability

Test Conditions		NR Band n260 / Middle Channel			Limit
Temperature (°C)	Voltage (Volt)	CW tone			Note 2.
		Frequency (GHz)	Deviation (kHz)	Deviation (ppm)	Result
50	Normal Voltage	38.49888463	0.29	0.01	PASS
40	Normal Voltage	38.49888449	0.15	0.00	
30	Normal Voltage	38.49888434	0.00	0.00	
20(Ref.)	Normal Voltage	38.49888434	0.00	0.00	
10	Normal Voltage	38.49888449	0.15	0.00	
0	Normal Voltage	38.49888405	-0.29	-0.01	
-10	Normal Voltage	38.49888362	-0.72	-0.02	
-20	Normal Voltage	38.49888304	-1.30	-0.03	
-30	Normal Voltage	38.49888275	-1.59	-0.04	
20	Maximum Voltage	38.49888478	0.44	0.01	
20	Normal Voltage	38.49888434	0.00	0.00	
20	Battery End Point	38.49888492	0.58	0.02	

Note:

1. Normal Voltage =7.7 V. ; Battery End Point (BEP) =6.9 V. ; Maximum Voltage =8.5 V.
2. The frequency fundamental emissions stay within the operation band.
3. The test result at the next page provides confidence that the maximum frequency deviation will not lead to out of band operation during normal and extreme condition.



NR Band n260 CP-OFDM

Occupied Bandwidth

Mode	Module 0 NR Band n260 : 99%OBW(MHz)								
BW	50MHz			100MHz			400MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.43	45.20	45.33	92.93	92.89	92.92	387.89	387.68	387.55
Middle CH	45.1	45.09	45.23	92.48	92.58	92.53	386.58	385.69	385.86
Highest CH	45.11	45.10	45.28	92.93	92.5	92.63	386.91	386.89	387.48

Mode	Module 1 NR Band n260 : 99%OBW(MHz)								
BW	50MHz			100MHz			400MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.33	45.20	45.22	92.9	92.9	92.88	387.71	388.71	389.33
Middle CH	45.31	45.26	45.22	92.79	92.85	92.90	387.53	387.55	388.36
Highest CH	45.35	45.27	45.23	92.81	92.91	92.88	387.75	388.17	389.62

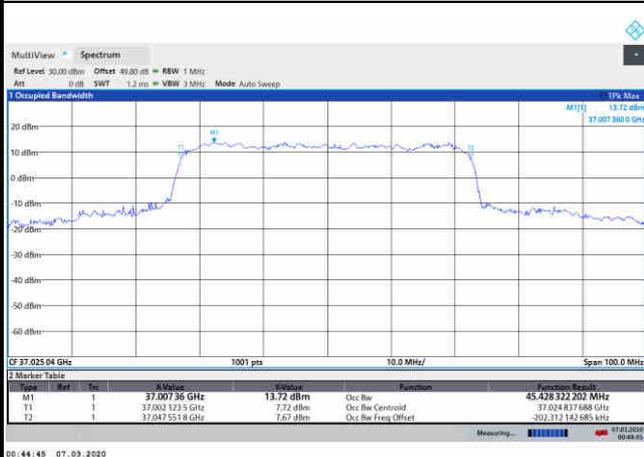
Mode	Module 2 NR Band n260 : 99%OBW(MHz)								
BW	50MHz			100MHz			400MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	45.28	45.21	45.1	92.74	92.61	92.59	386.80	386.69	386.81
Middle CH	45.28	45.18	45.14	92.78	92.51	92.66	386.02	385.80	386.06
Highest CH	45.28	45.18	45.10	92.86	92.46	92.81	387.06	386.94	387.56



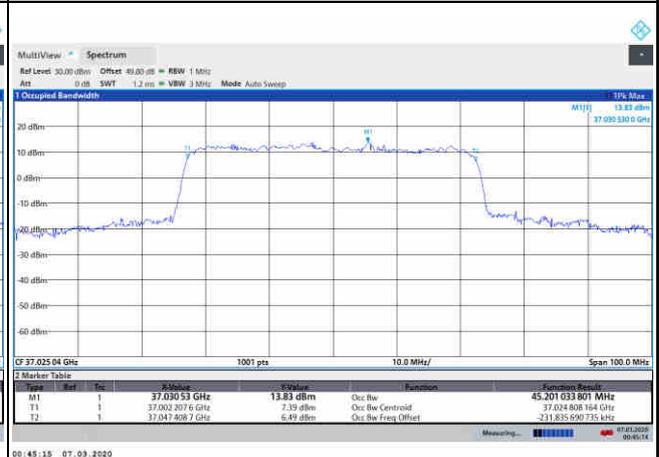
Module 0

NR Band n260

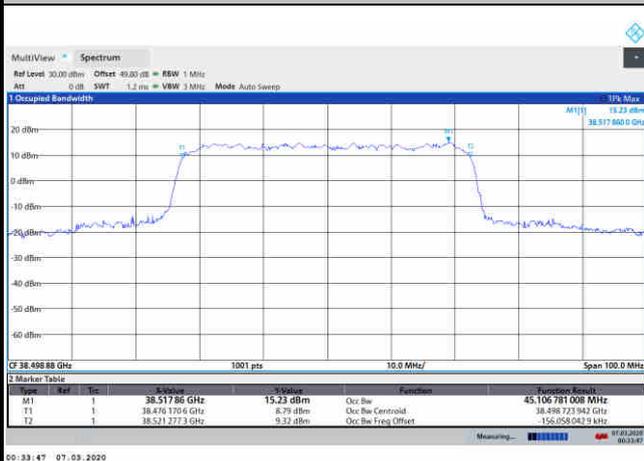
Lowest Channel / 50MHz / QPSK



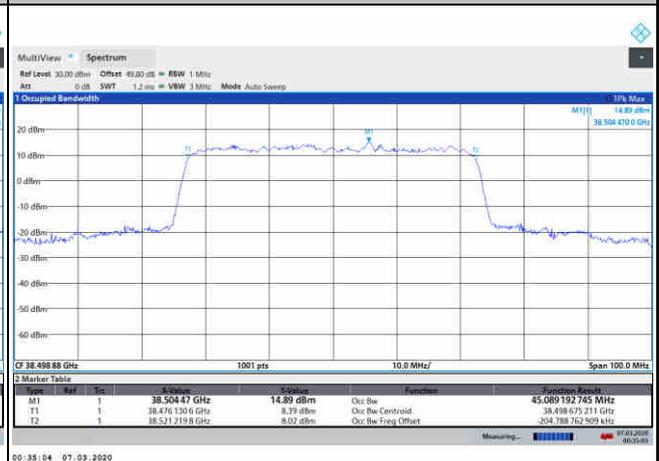
Lowest Channel / 50MHz / 16QAM



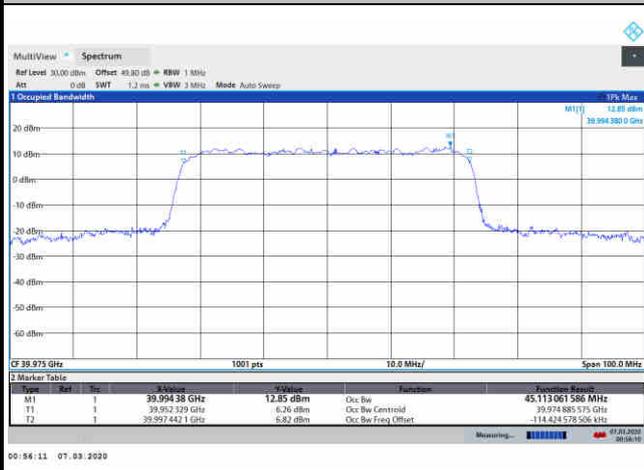
Middle Channel / 50MHz / QPSK



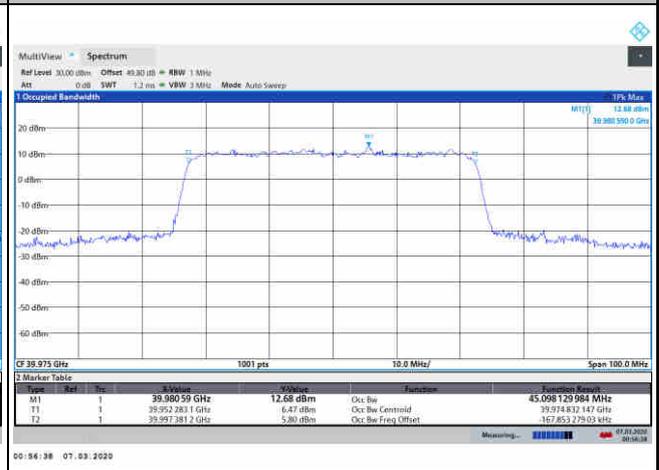
Middle Channel / 50MHz / 16QAM



Highest Channel / 50MHz / QPSK



Highest Channel / 50MHz / 16QAM

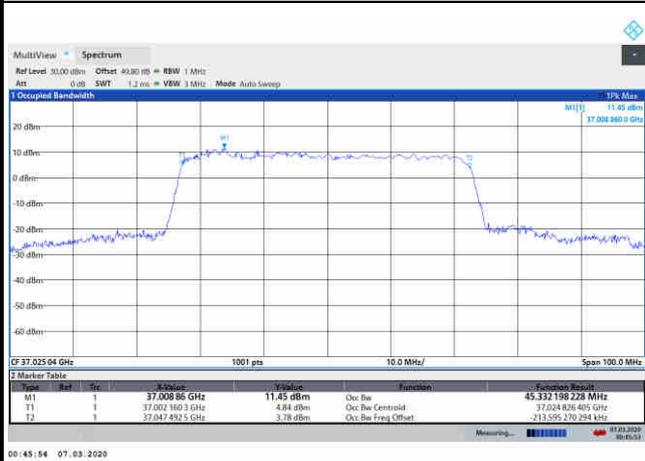




Module 0

NR Band n260

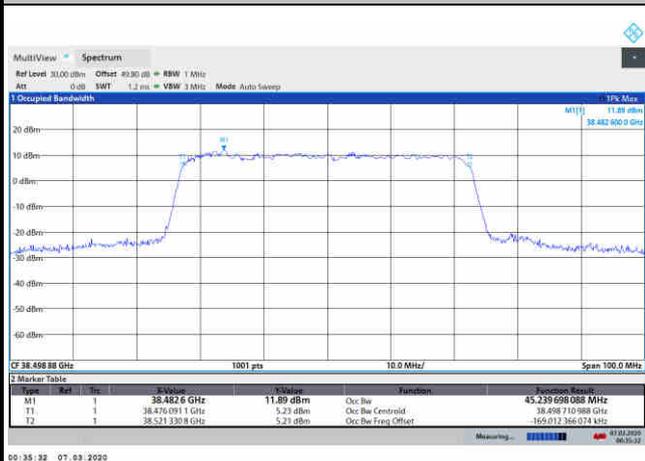
Lowest Channel / 50MHz / 64QAM



Lowest Channel / 100MHz / QPSK



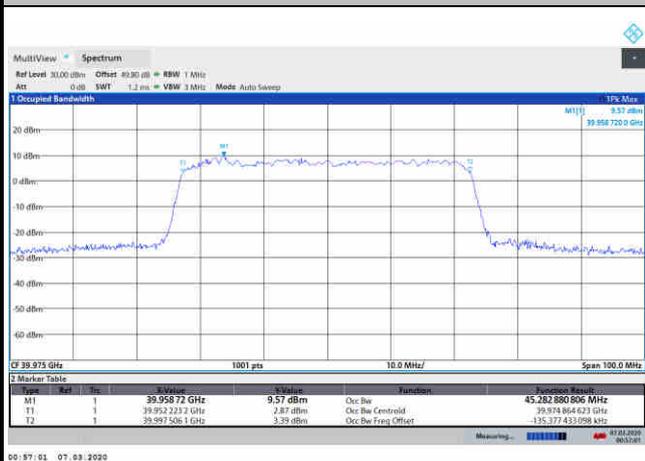
Middle Channel / 50MHz / 64QAM



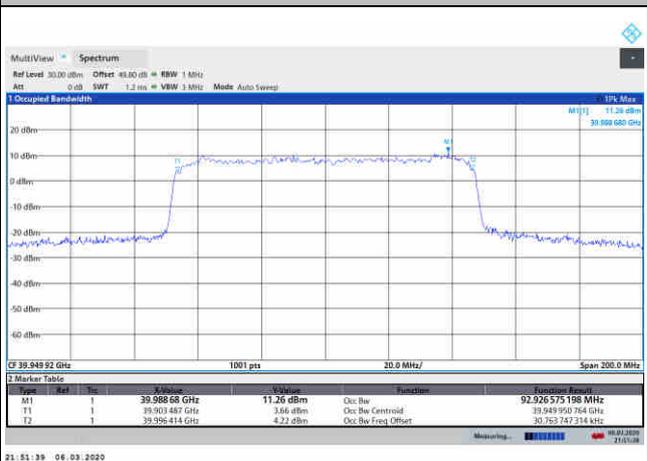
Middle Channel / 100MHz / QPSK



Highest Channel / 50MHz / 64QAM



Highest Channel / 100MHz / QPSK

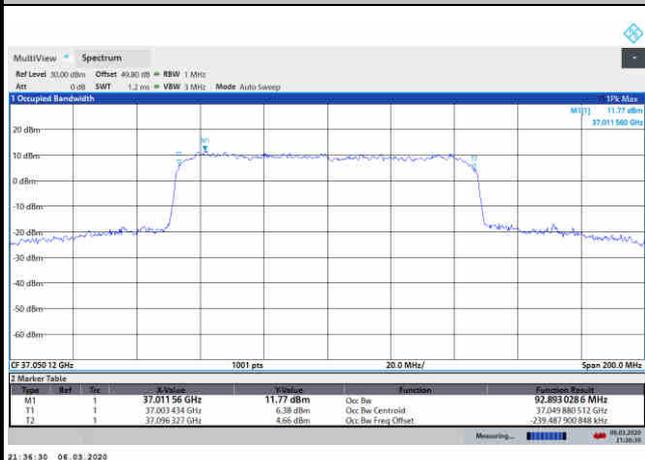




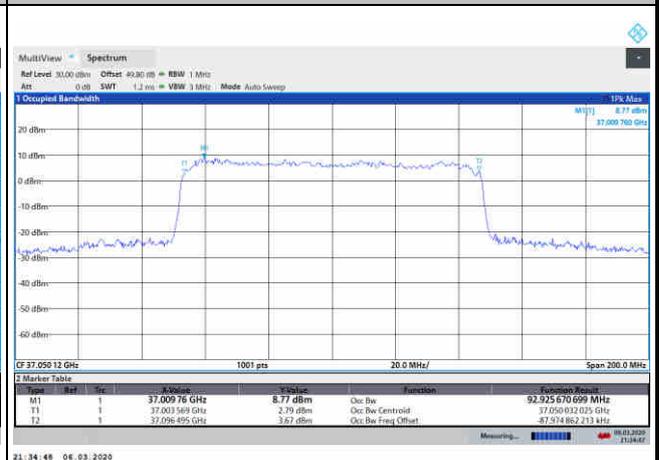
Module 0

NR Band n260

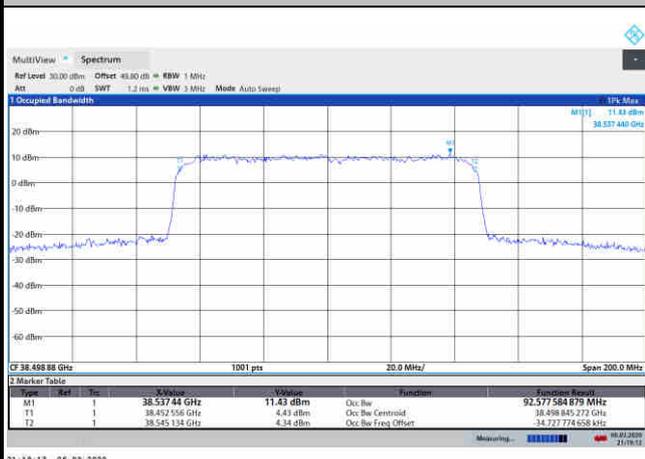
Lowest Channel / 100MHz / 16QAM



Lowest Channel / 100MHz / 64QAM



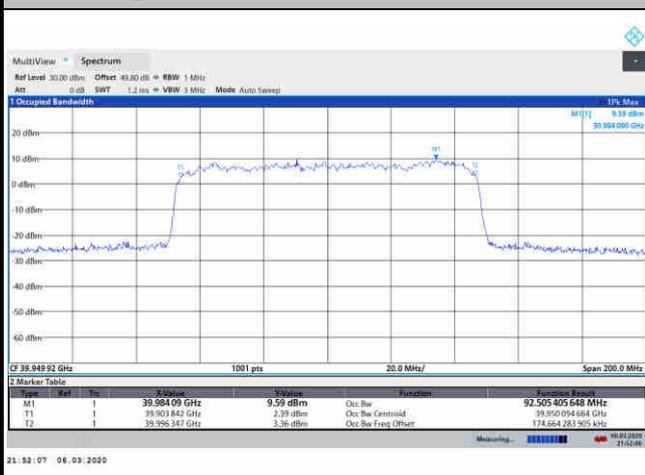
Middle Channel / 100MHz / 16QAM



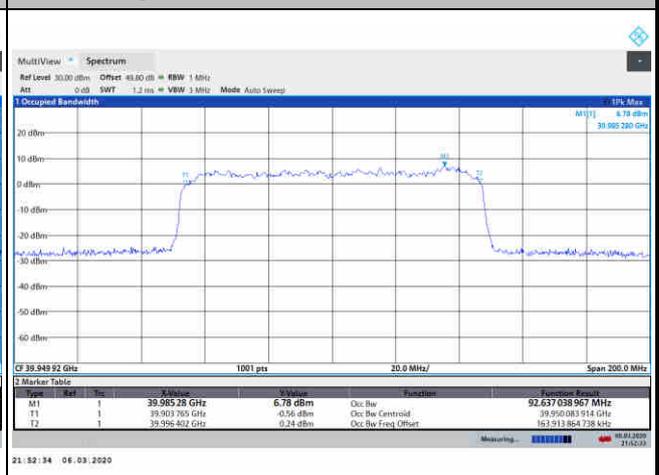
Middle Channel / 100MHz / 64QAM



Highest Channel / 100MHz / 16QAM



Highest Channel / 100MHz / 64QAM

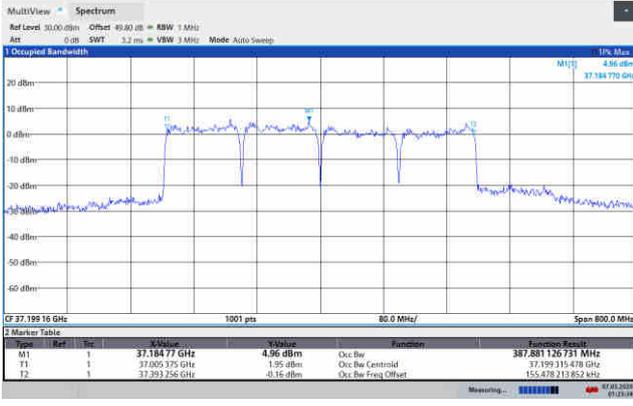




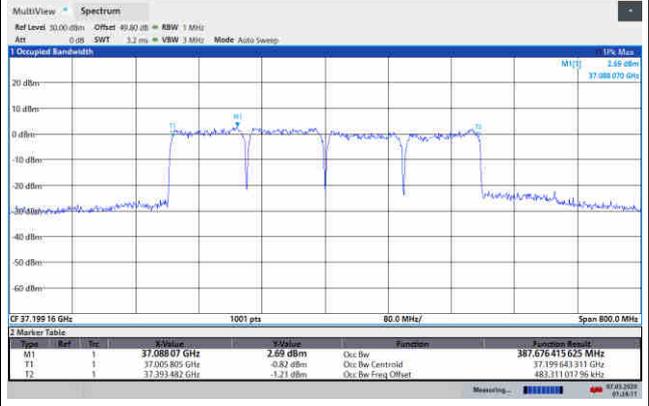
Module 0

NR Band n260

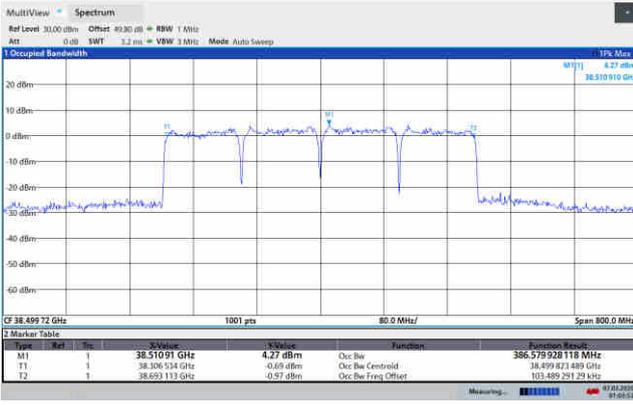
Lowest Channel / 400MHz / QPSK



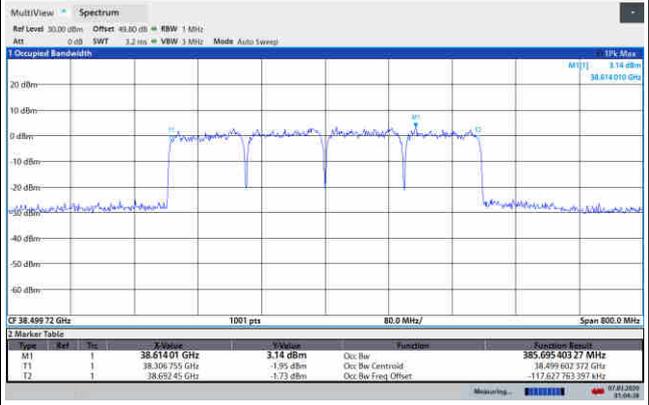
Lowest Channel / 400MHz / 16QAM



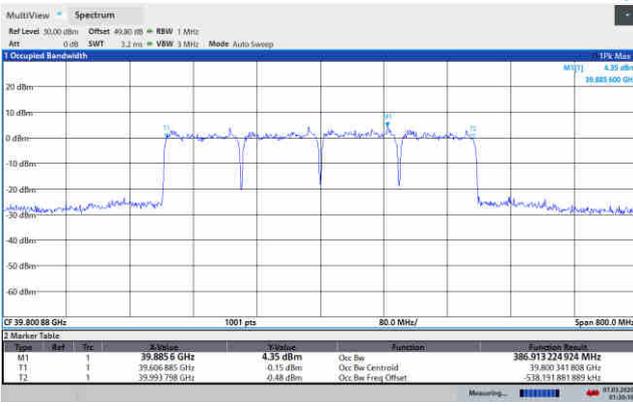
Middle Channel / 400MHz / QPSK



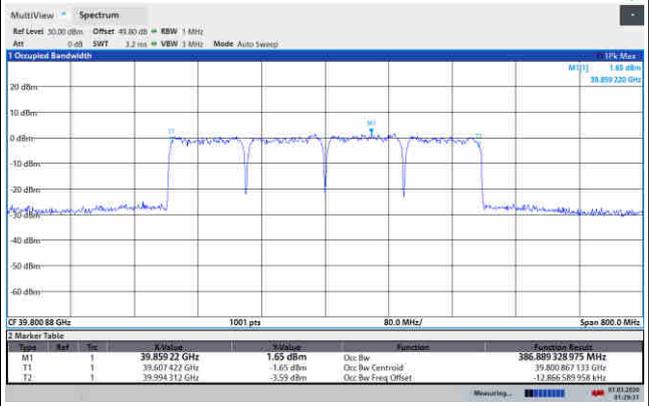
Middle Channel / 400MHz / 16QAM



Highest Channel / 400MHz / QPSK



Highest Channel / 400MHz / 16QAM

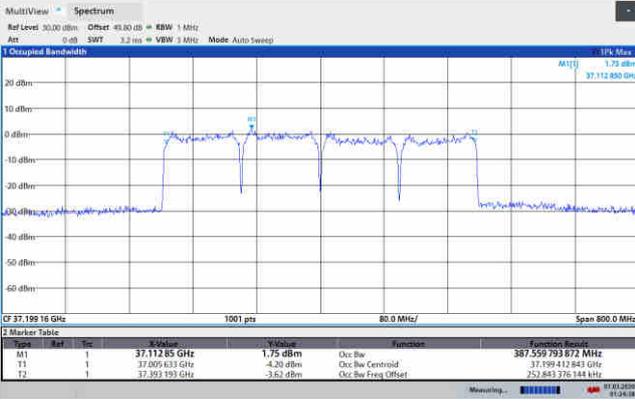




Module 0

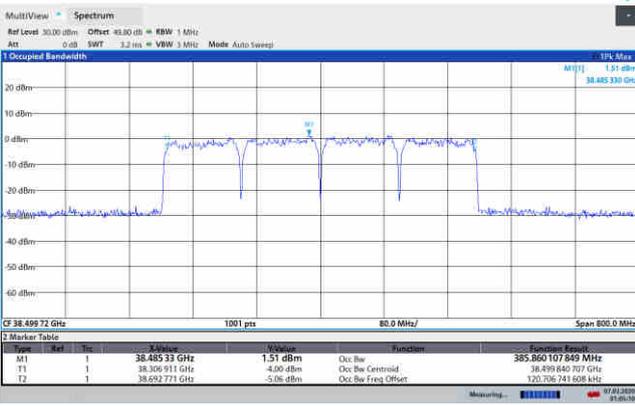
NR Band n260

Lowest Channel / 400MHz / 64QAM



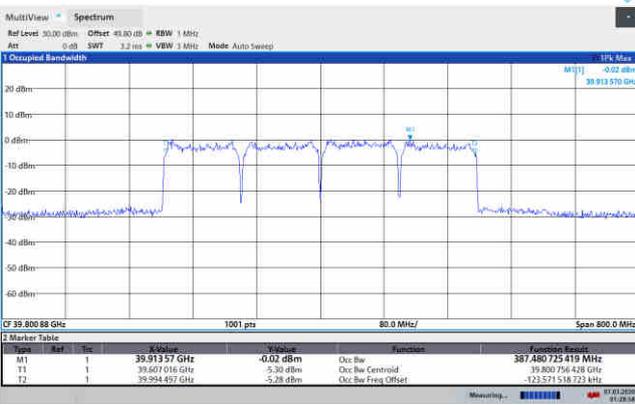
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Middle Channel / 400MHz / 64QAM



intentionally blank

Highest Channel / 400MHz / 64QAM



intentionally blank



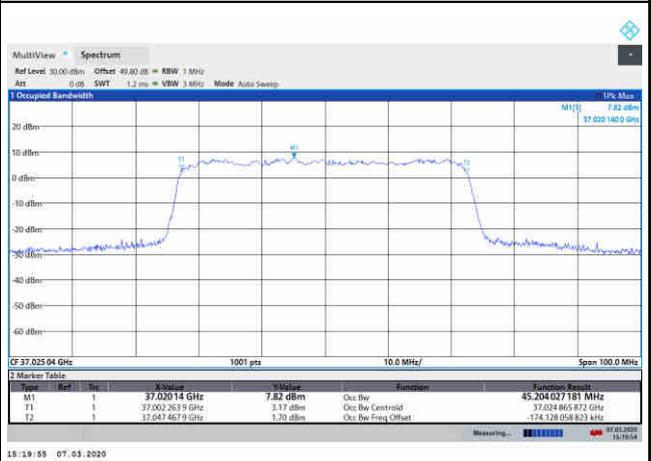
Module 1

NR Band n260

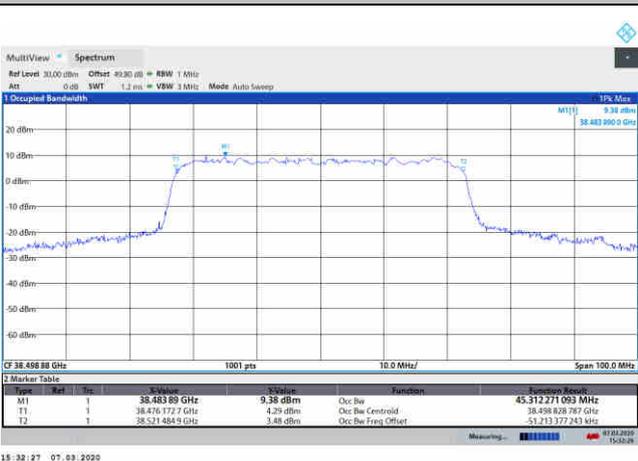
Lowest Channel / 50MHz / QPSK



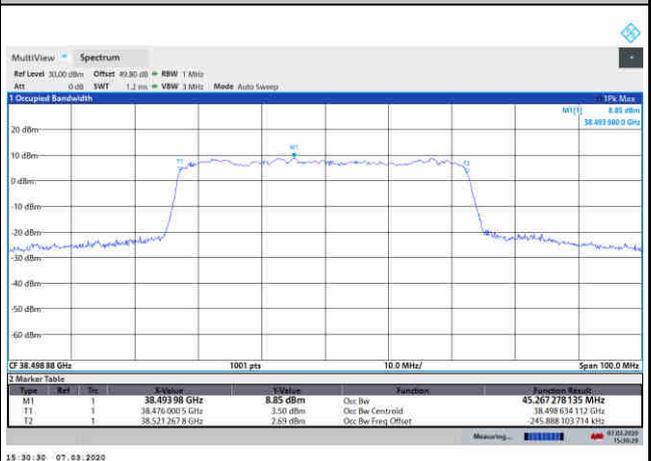
Lowest Channel / 50MHz / 16QAM



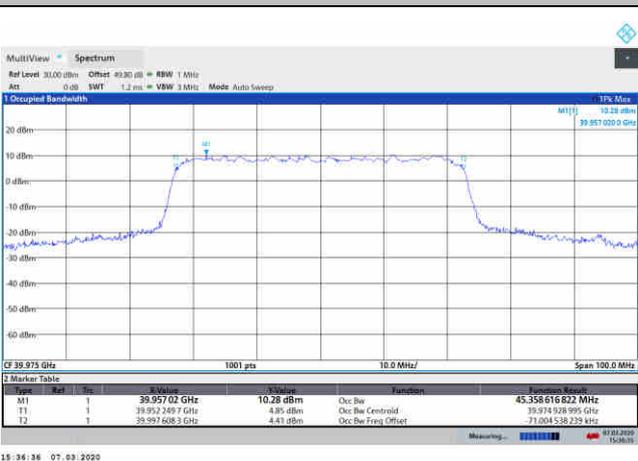
Middle Channel / 50MHz / QPSK



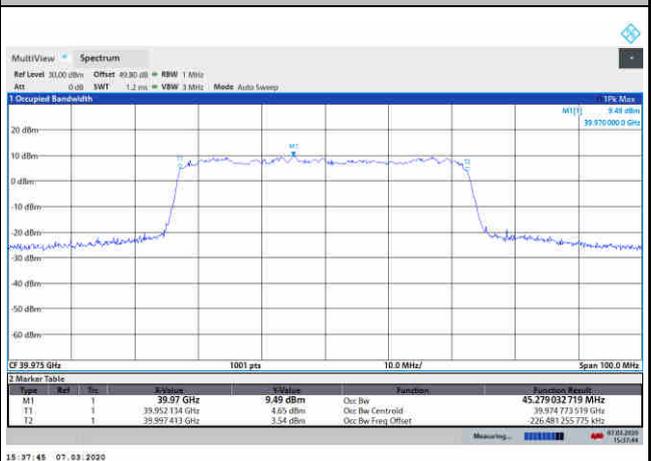
Middle Channel / 50MHz / 16QAM



Highest Channel / 50MHz / QPSK



Highest Channel / 50MHz / 16QAM

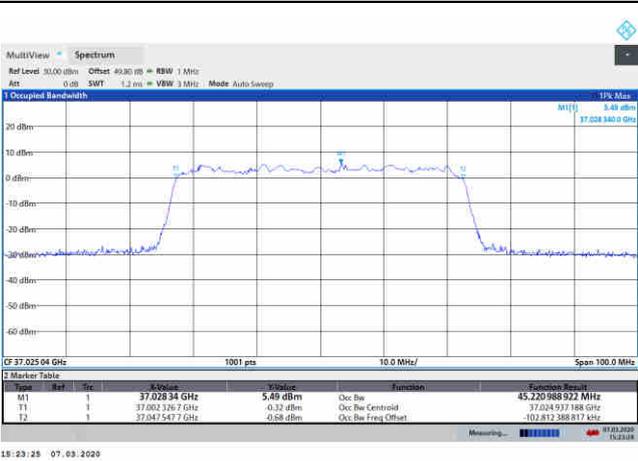




Module 1

NR Band n260

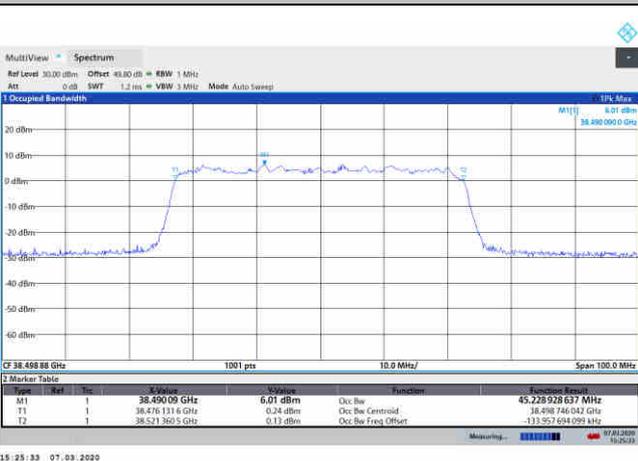
Lowest Channel / 50MHz / 64QAM



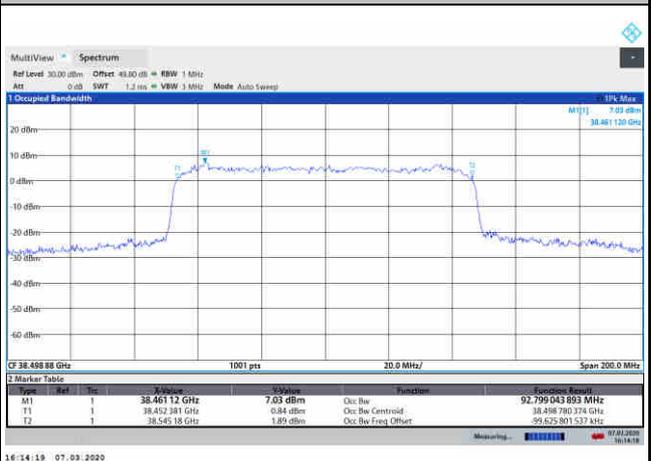
Lowest Channel / 100MHz / QPSK



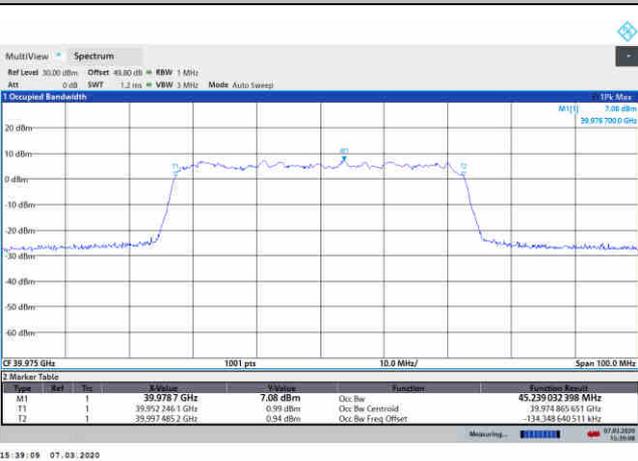
Middle Channel / 50MHz / 64QAM



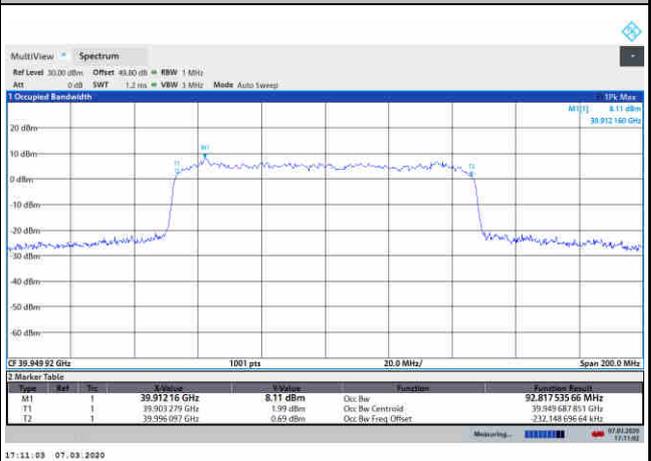
Middle Channel / 100MHz / QPSK



Highest Channel / 50MHz / 64QAM



Highest Channel / 100MHz / QPSK





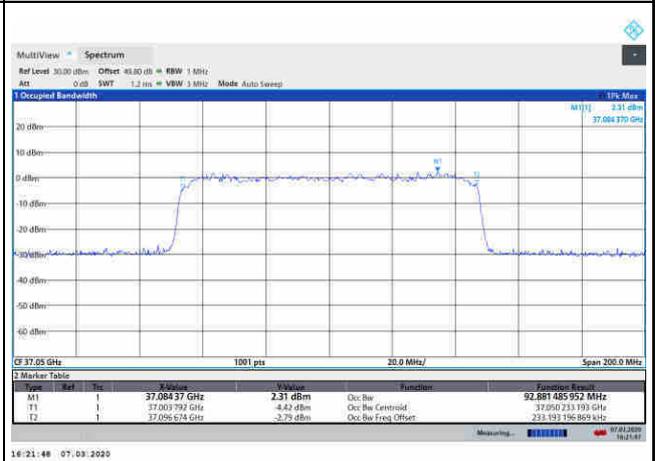
Module 1

NR Band n260

Lowest Channel / 100MHz / 16QAM



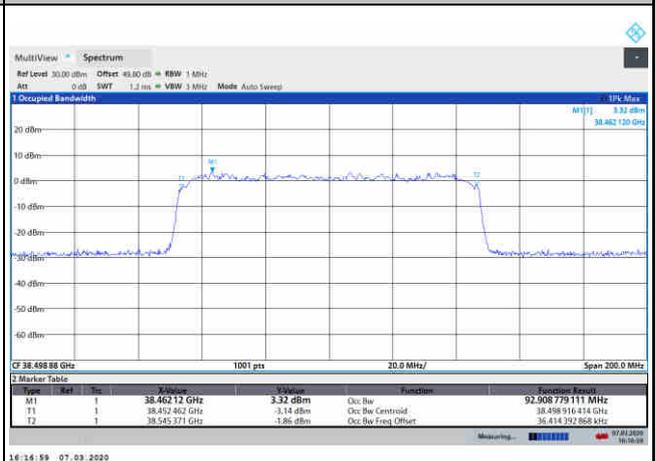
Lowest Channel / 100MHz / 64QAM



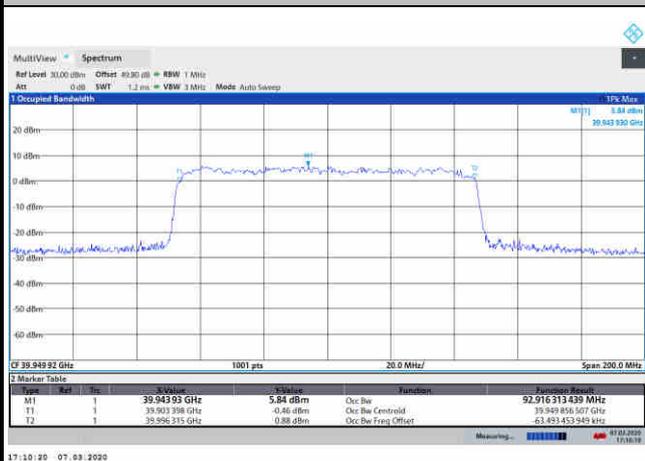
Middle Channel / 100MHz / 16QAM



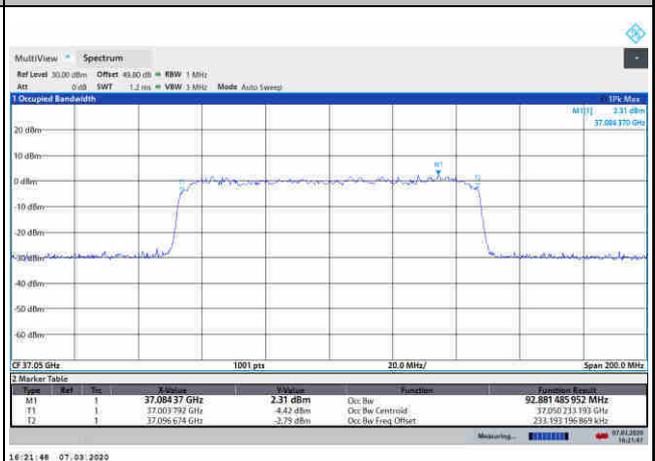
Middle Channel / 100MHz / 64QAM



Highest Channel / 100MHz / 16QAM



Highest Channel / 100MHz / 64QAM

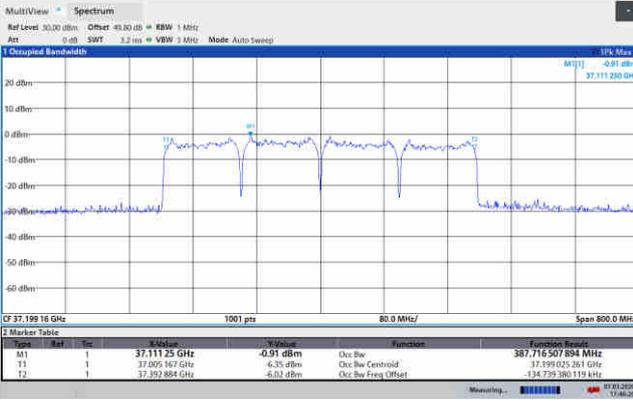




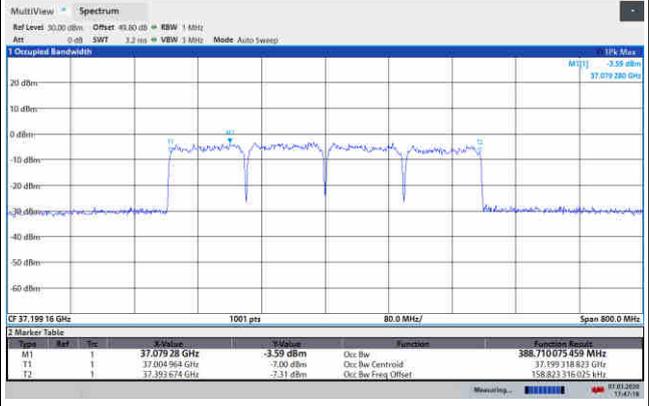
Module 1

NR Band n260

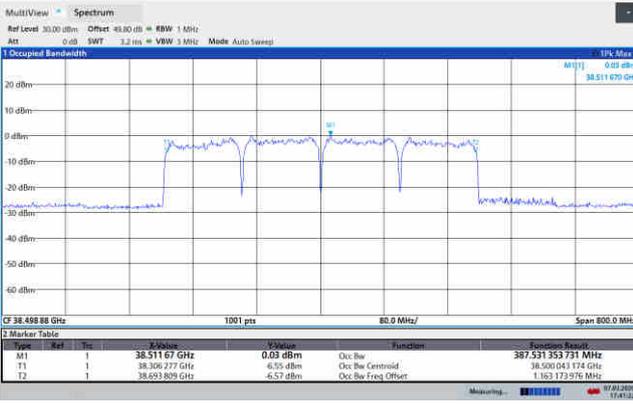
Lowest Channel / 400MHz / QPSK



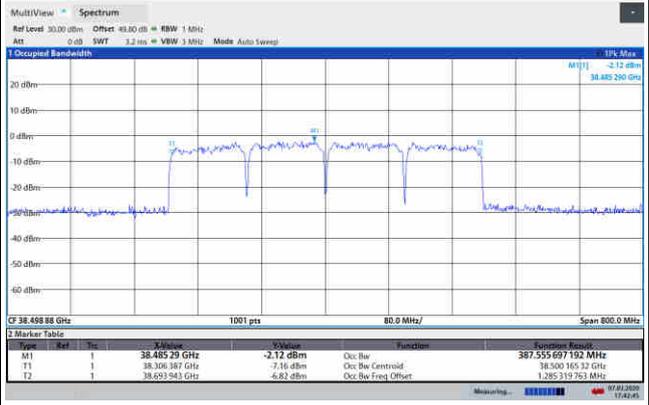
Lowest Channel / 400MHz / 16QAM



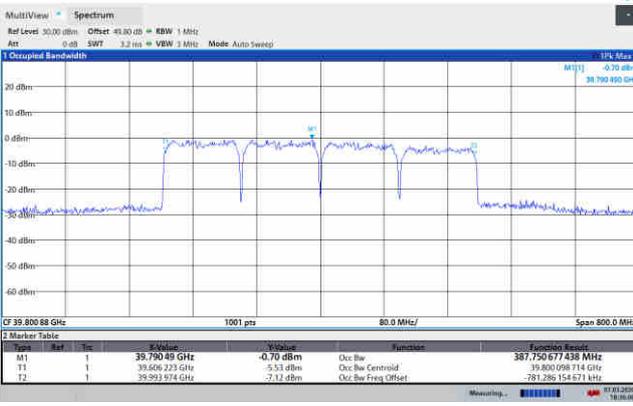
Middle Channel / 400MHz / QPSK



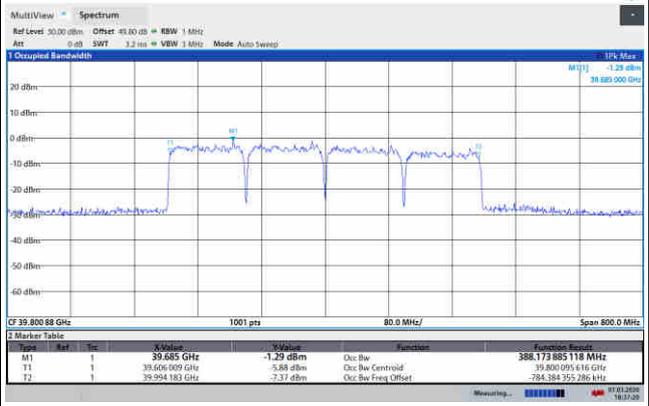
Middle Channel / 400MHz / 16QAM



Highest Channel / 400MHz / QPSK



Highest Channel / 400MHz / 16QAM

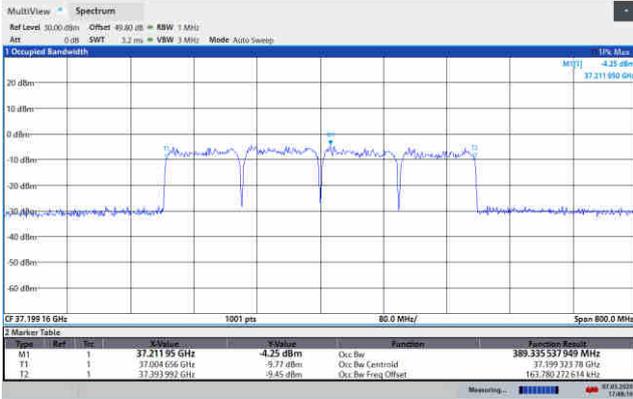




Module 1

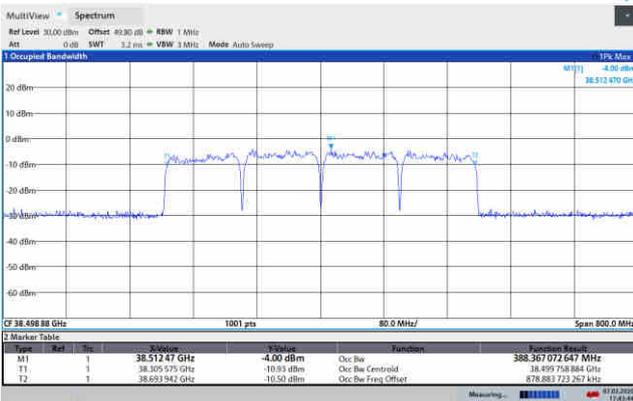
NR Band n260

Lowest Channel / 400MHz / 64QAM



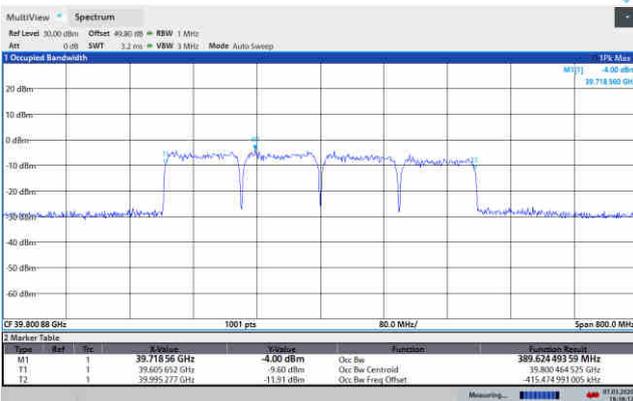
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Middle Channel / 400MHz / 64QAM



intentionally blank

Highest Channel / 400MHz / 64QAM



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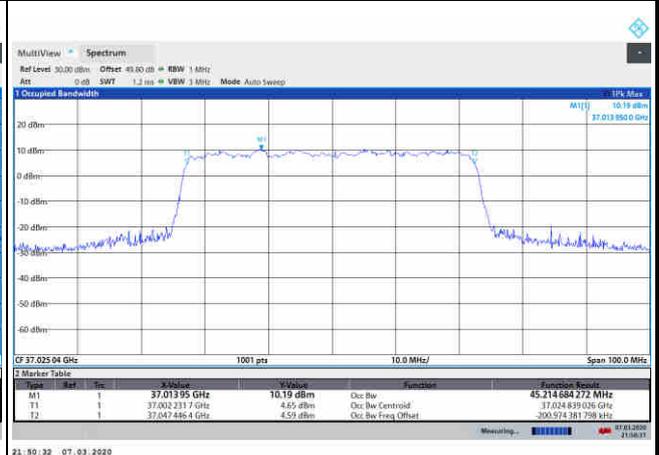
Module 2

NR Band n260

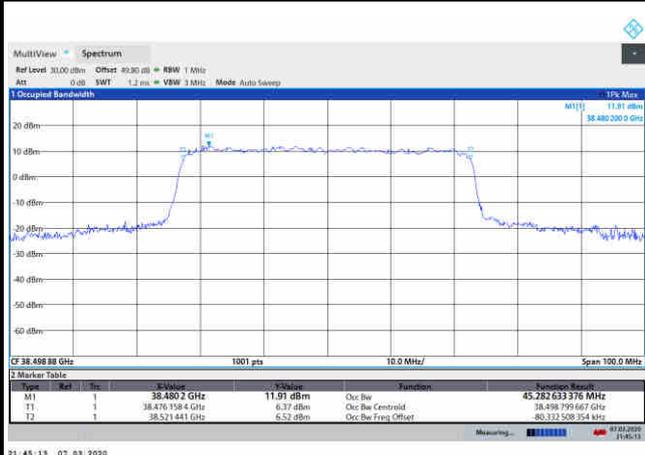
Lowest Channel / 50MHz / QPSK



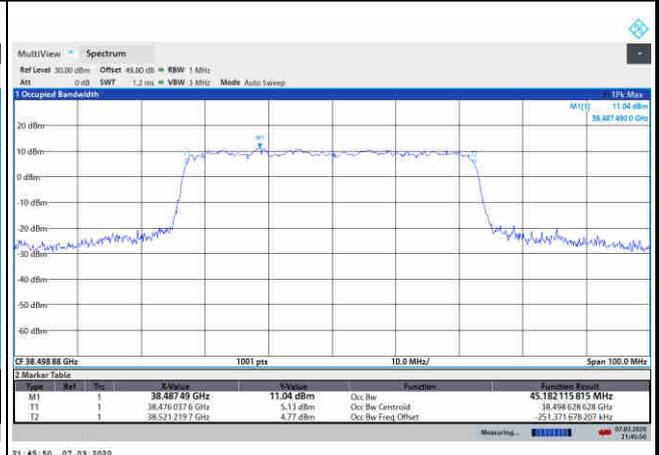
Lowest Channel / 50MHz / 16QAM



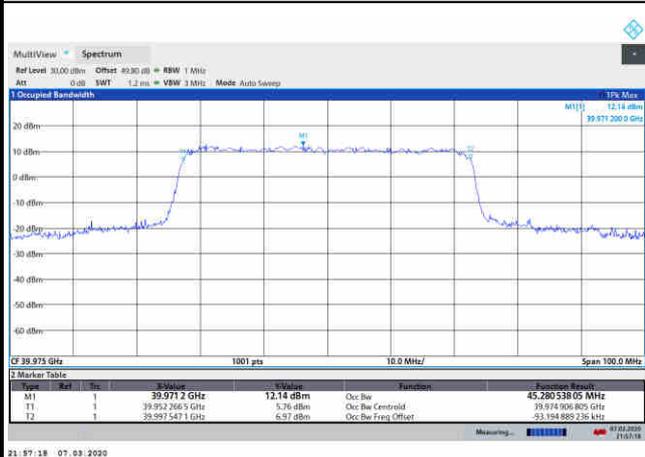
Middle Channel / 50MHz / QPSK



Middle Channel / 50MHz / 16QAM



Highest Channel / 50MHz / QPSK



Highest Channel / 50MHz / 16QAM

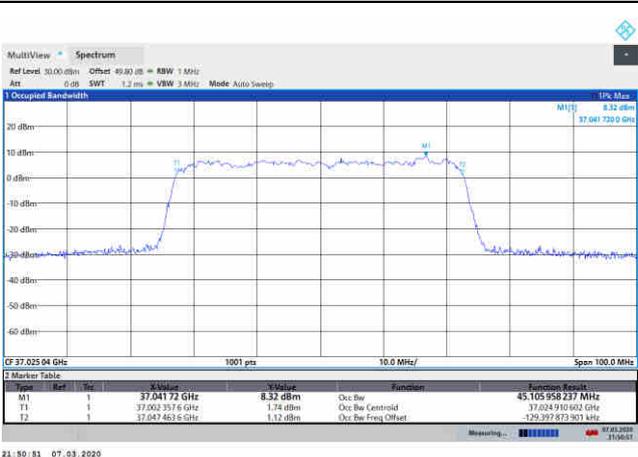




Module 2

NR Band n260

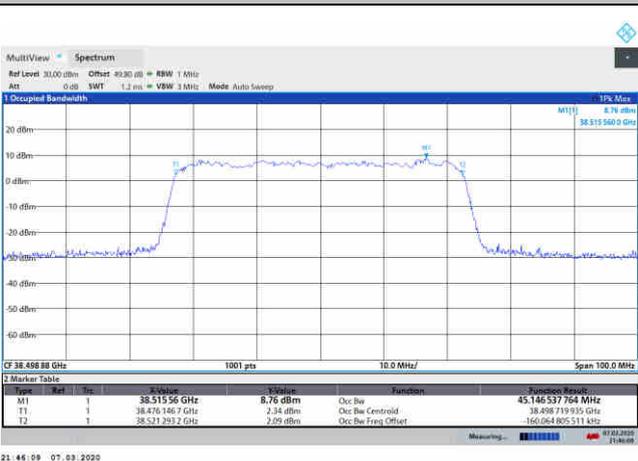
Lowest Channel / 50MHz / 64QAM



Lowest Channel / 100MHz / QPSK



Middle Channel / 50MHz / 64QAM



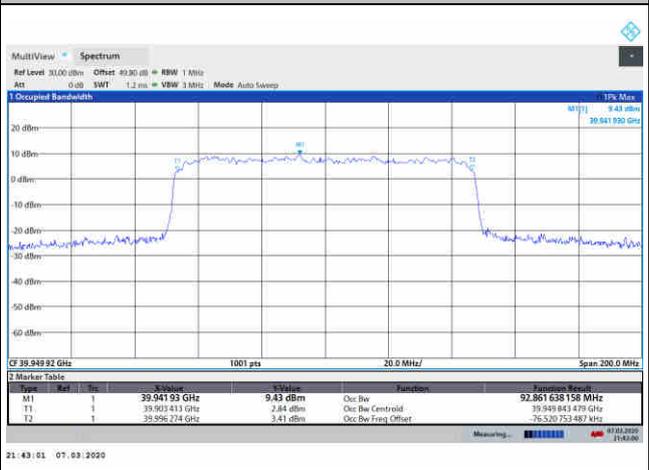
Middle Channel / 100MHz / QPSK



Highest Channel / 50MHz / 64QAM



Highest Channel / 100MHz / QPSK

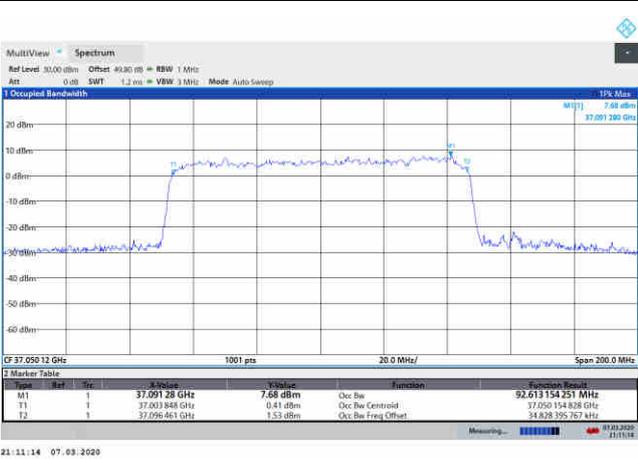




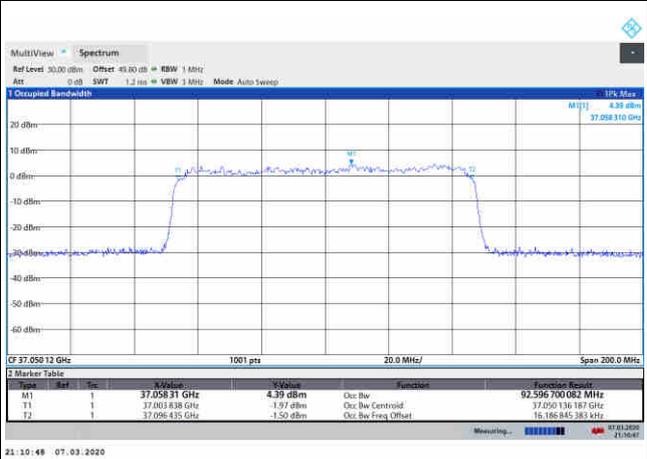
Module 2

NR Band n260

Lowest Channel / 100MHz / 16QAM



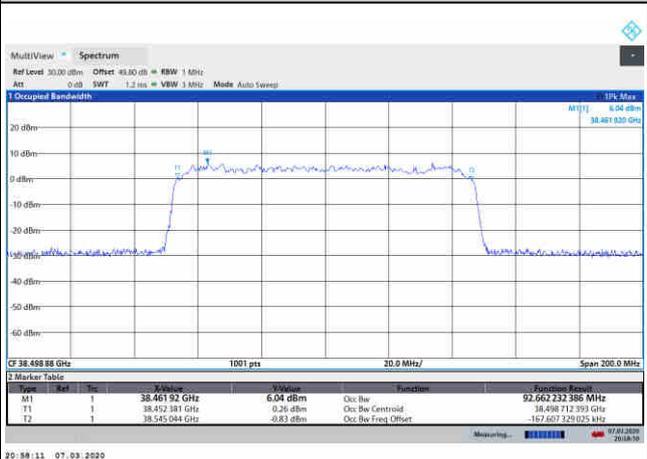
Lowest Channel / 100MHz / 64QAM



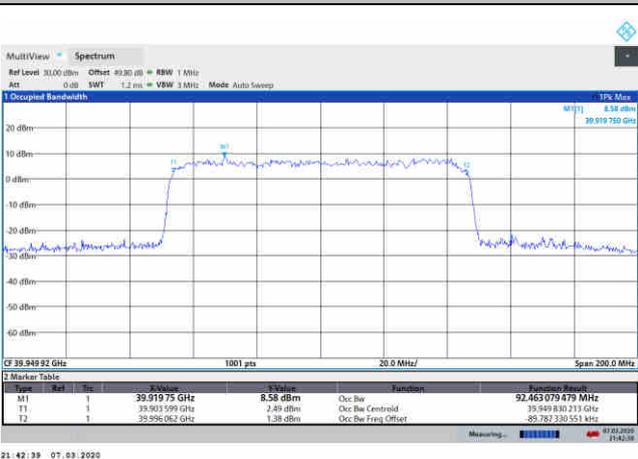
Middle Channel / 100MHz / 16QAM



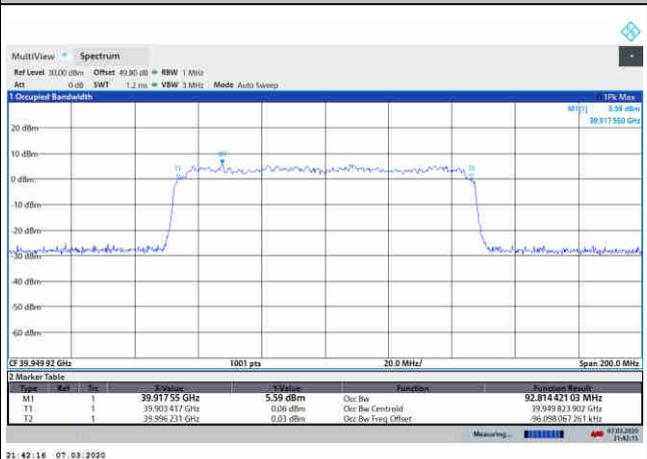
Middle Channel / 100MHz / 64QAM



Highest Channel / 100MHz / 16QAM



Highest Channel / 100MHz / 64QAM

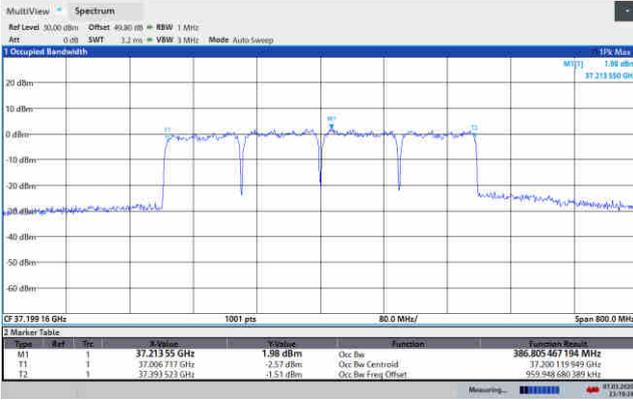




Module 2

NR Band n260

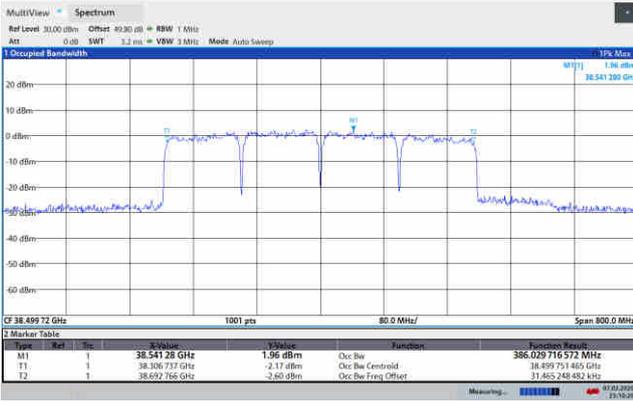
Lowest Channel / 400MHz / QPSK



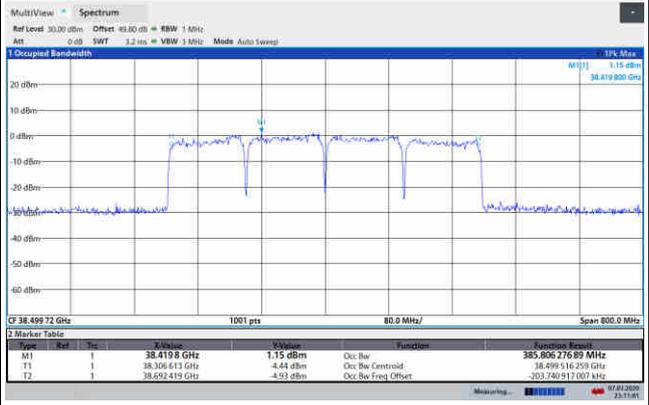
Lowest Channel / 400MHz / 16QAM



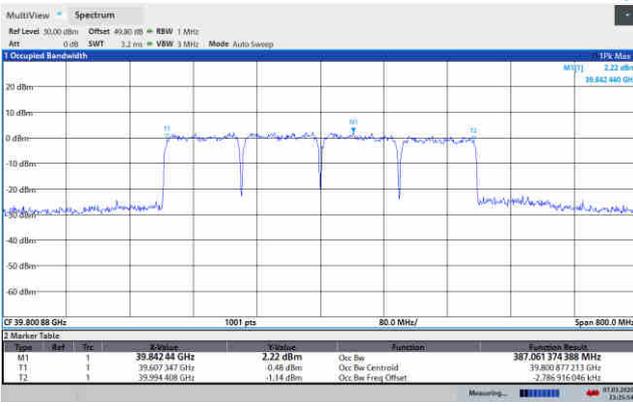
Middle Channel / 400MHz / QPSK



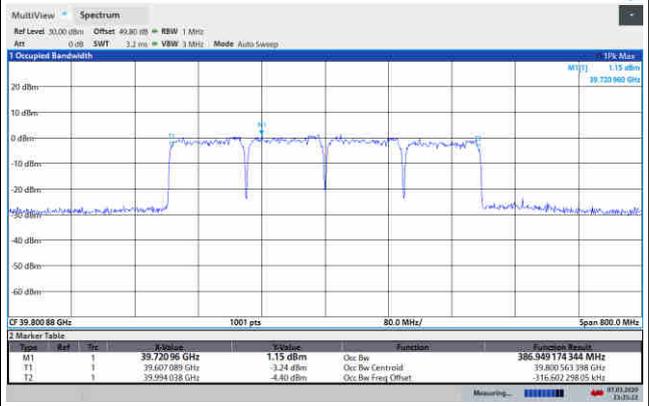
Middle Channel / 400MHz / 16QAM



Highest Channel / 400MHz / QPSK



Highest Channel / 400MHz / 16QAM

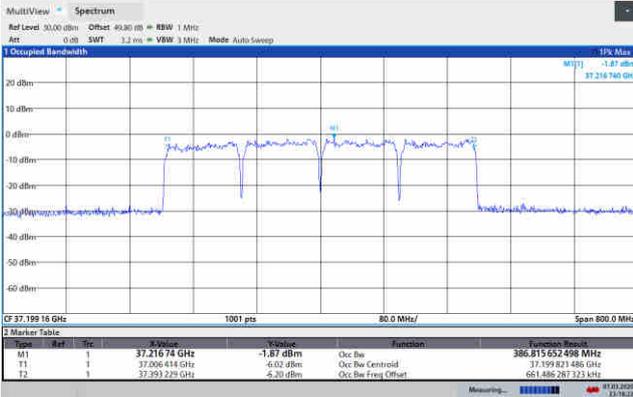




Module 2

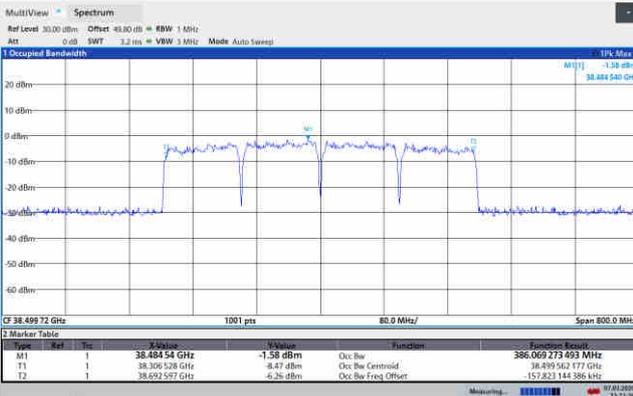
NR Band n260

Lowest Channel / 400MHz / 64QAM



intentionally blank

Middle Channel / 400MHz / 64QAM



intentionally blank

Highest Channel / 400MHz / 64QAM



intentionally blank



Radiated Out of Band Emissions

Mode			Module 0 NR Band n260 : BE (dBm)								
BW			50MHz			100MHz			400MHz		
Mod.			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Limit (dBm)											
Low CH	0~10%OB	≤ -5	-11.33	-14.66	-16.98	-14.20	-12.92	-16.84	-33.97	-36.04	-37.69
	>10%OB	≤ -13	-29.98	-32.23	-34.05	-30.30	-30.77	-34.94	-34.22	-36.18	-37.68
High CH	0~10%OB	≤ -5	-16.36	-17.04	-20.56	-19.47	-18.53	-20.95	-33.98	-35.10	-35.67
	>10%OB	≤ -13	-32.24	-32.53	-34.30	-32.08	-33.07	-34.67	-34.64	-35.48	-35.86
Result			Compliance								

Mode			Module 1 NR Band n260 : BE (dBm)								
BW			50MHz			100MHz			400MHz		
Limit (dBm)			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Low CH	0~10%OB	≤ -5	-16.11	-16.42	-22.72	-20.45	-18.54	-22.32	-37.89	-38.32	-38.78
	>10%OB	≤ -13	-32.65	-32.69	-35.72	-32.32	-32.54	-35.78	-38.02	-37.84	-37.69
High CH	0~10%OB	≤ -5	-18.56	-18.51	-23.61	-20.99	-19.74	-23.77	-34.82	-35.81	-36.35
	>10%OB	≤ -13	-29.88	-30.49	-33.09	-32.70	-33.22	-34.79	-35.47	-35.75	-35.98
Result			Compliance								

Mode			Module 2 NR Band n260 : BE (dBm)								
BW			50MHz			100MHz			400MHz		
Limit (dBm)			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Low CH	0~10%OB	≤ -5	-12.76	-15.35	-19.64	-15.77	-17.09	-20.03	-36.73	-37.95	-38.25
	>10%OB	≤ -13	-32.68	-32.92	-35.53	-32.06	-33.14	-35.64	-37.06	-37.91	-38.13
High CH	0~10%OB	≤ -5	-16.73	-17.67	-22.01	-17.37	-18.12	-20.78	-33.13	-35.32	-35.92
	>10%OB	≤ -13	-29.39	-30.48	-32.24	-29.16	-30.15	-31.42	-34.07	-36.04	-35.92
Result			Compliance								

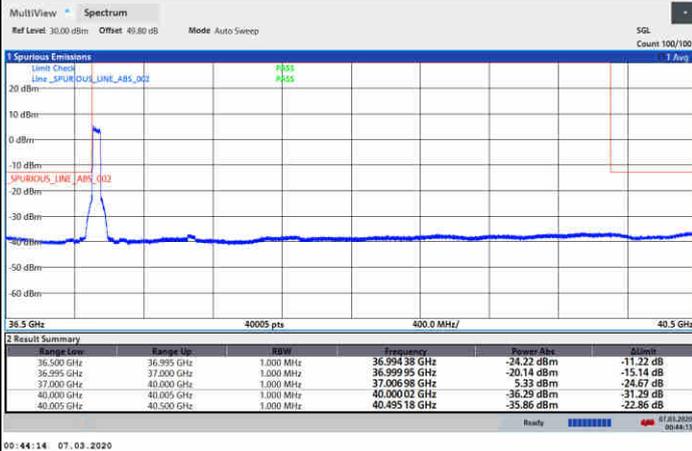


Module 0

NR Band n260 / 50MHz / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB





NR Band n260 / 50MHz / 16QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



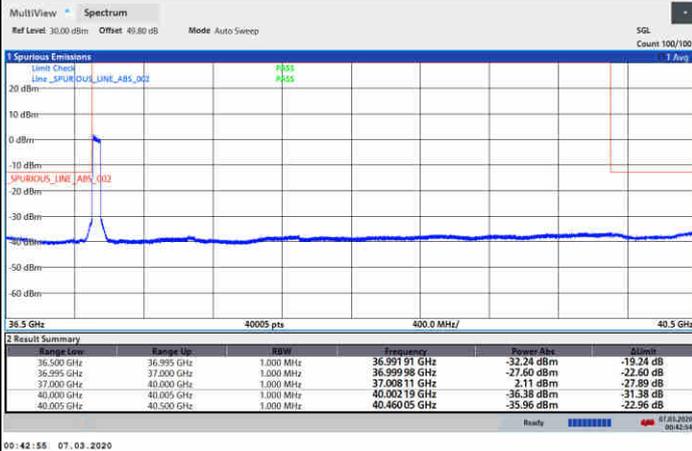


Module 0

NR Band n260 / 50MHz / 64QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB





NR Band n260 / 100MHz / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

